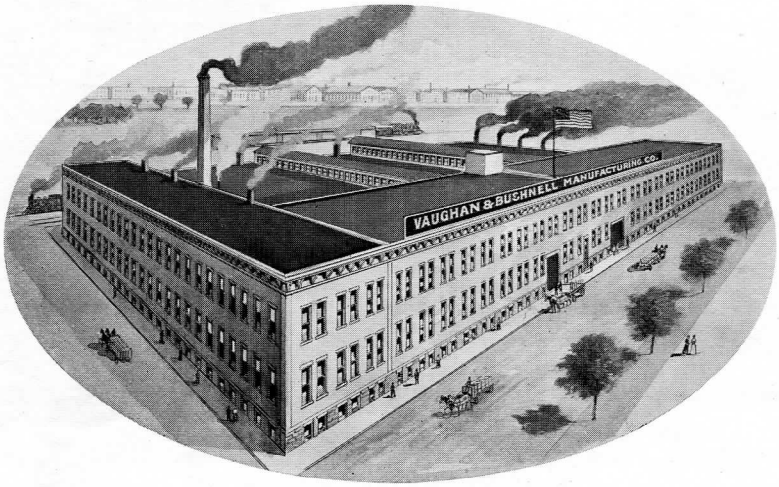
VAUGHAN & BUSHNELL MANUFACTURING CO.

Vaughan & Bushnell Manufacturing Co.

Chicago Illinois U. S. A.

Makers of High Grade

Tools

Established 1869
Incorporated 1882

1910

A PERUSAL of this catalogue will show progress in designing and manufacturing, which backed by a thorough knowledge of working conditions, and a pride in making the best, have resulted in entire satisfaction to the users, and in a realization that tools manufactured by *Vaughan & Bushnell Mfg. Co.* are the best that money can buy.

WARRANTY

We will gladly replace if returned to us, any tool stamped with our name, that may prove defective either in material or workmanship.

TESTS

Every article we manufacture is closely inspected and severely tested before leaving our works.

Notice

This catalogue replaces any previous issue.

All list prices in any of our other catalogues are hereby made void.

In making up specifications a great favor will be conferred on us if our customers will use the same descriptions and numbers of articles as given in this catalogue.

Terms

Prices are subject to change without notice.

All claims for allowances must be made promptly on receipt of goods.

Payments must be made within sixty days. We allow two per cent cash discount if invoices are paid ten days from date.

Invoices subject to sight draft without notice sixty days from date.

Remittances must be made in par funds in Chicago or New York.

Vaughan & Bushnell Mfg. Co.
2114 to 2138 Carroll Avenue
Chicago, U. S. A.

January, 1910.

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Handled Hammers

All hammers of our manufacture are drop forged from extra warranted steel of special analysis.

The steel is closely hammered, leaving the grain compact.

Every hammer is hardened and drawn by improved process, insuring a perfect and even temper.

By this improved method of manufacture, every hammer is uniform in pattern as well as temper.

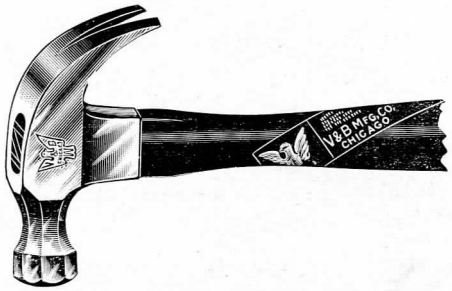
The handles are of our own manufacture, and are turned from the best grade of second growth hickory.

Adze Eye Nail Hammers

V. & B. EAGLE BRAND

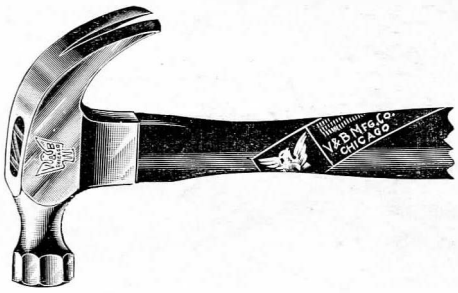
Extra Warranted Steel
Hardened Faces
Nickel Plated Finish

Drop Forged
Tempered Claws
Ebonized Hickory Handles



Octagon Neck and Head

Number	501-N	501½-N	502-N	503-N
Weight without handle, ozs	21	17	14	8
Length over all, inches	14	13	13	12
Weight per dozen about, lbs.	22	19	15	10
Per dozen	$15.50	$15.00	$14.50	$14.00



Round Neck, Octagon Head

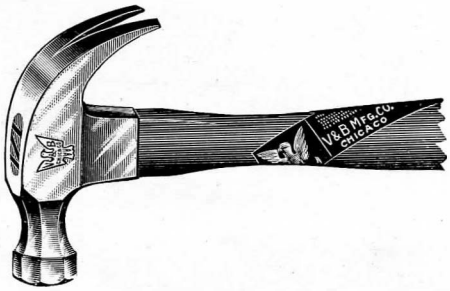
Number	510½-N
Weight without handle, ozs	17
Length over all, inches	13
Weight per dozen about, lbs.	19
Per dozen	$15.00

One-half dozen in a cardboard box. Six dozen in a case

Adze Eye Nail Hammers

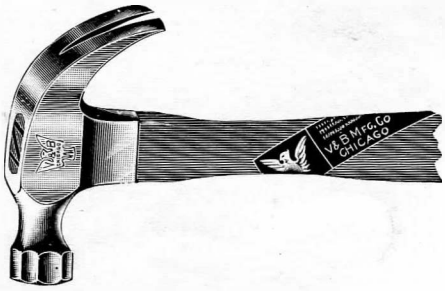
V. & B. EAGLE BRAND

Extra Warranted Steel	Drop Forged
Hardened Faces	Tempered Claws
Nickel Plated Finish	White Hickory Handles



Octagon Neck and Head

Number	01-N	01½-N	02-N	03-N
Weight without handle, ozs	21	17	14	8
Length over all, inches	14	13	13	12
Weight per dozen about, lbs	22	19	15	10
Per dozen	$14.00	$13.50	$13.00	$12.50



Round Neck, Octagon Head

Number	10½-N
Weight without handle, ozs	17
Length over all, inches	13
Weight per dozen about, lbs	19
Per dozen	$13.50

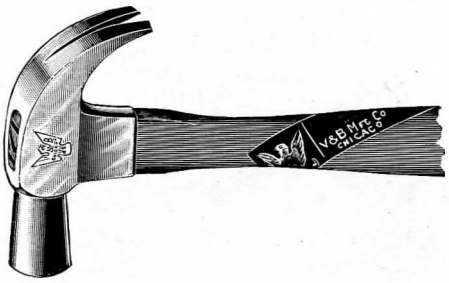
One-half dozen in a cardboard box. Six dozen in a case

Adze Eye Nail Hammers

V. & B. EAGLE BRAND

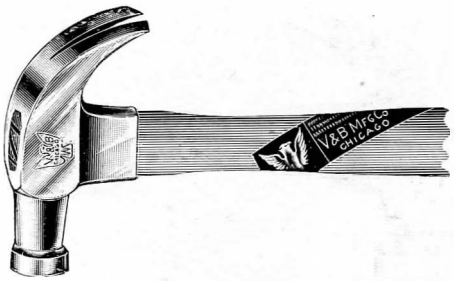
Extra Warranted Steel
Hardened Faces
Nickel Plated Finish

Drop Forged
Tempered Claws
White Hickory Handles



Plain Face

Number	1½-N
Weight without handle, ozs	16
Length over all, inches	13
Weight per dozen about, lbs	18½
Per dozen	$12.50



Bell Face

Number	11-N	11½-N	12-N	13-N
Weight without handle, ozs.	20	16	13	7
Length over all, inches	14	13	13	12
Weight per dozen about, lbs.	21½	18½	14½	9½
Per dozen.	$13.00	$12.50	$12.00	$11.50

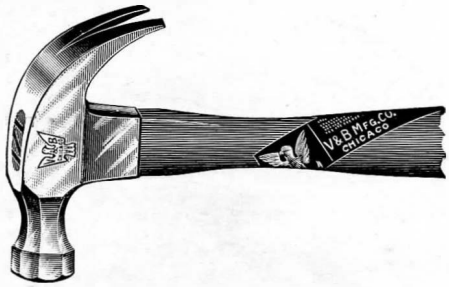
One-half dozen in a cardboard box. Six dozen in a case

Adze Eye Nail Hammers

V. & B. EAGLE BRAND

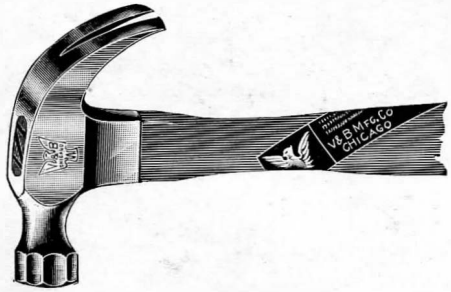
Extra Warranted Steel
Hardened Faces
High Polished Finish

Drop Forged
Tempered Claws
White Hickory Handles



Octagon Neck and Head

Number	01	01½	02	03
Weight without handle, ozs.	21	17	14	8
Length over all, inches	14	13	13	12
Weight per dozen about, lbs	22	19	15	10
Per dozen	$11.50	$11.00	$10.50	$10.00



Round Neck, Octagon Head

Number	10½
Weight without handle, ozs.	17
Length over all, inches	13
Weight per dozen about, lbs	19
Per dozen	$11.00

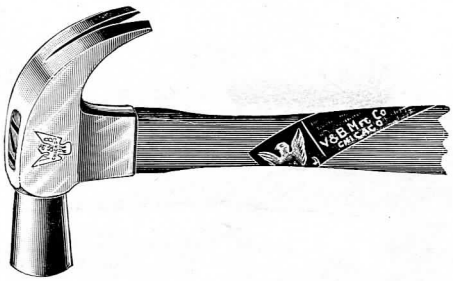
One-half dozen in a cardboard box. Six dozen in a case

Adze Eye Nail Hammers

V. & B. EAGLE BRAND

Extra Warranted Steel
Hardened Faces
High Polished Finish

Drop Forged
Tempered Claws
White Hickory Handles



Plain Face

Number	1	1½	2	3
Weight without handle, ozs.	20	16	13	7
Length over all, inches	14	13	13	12
Weight per dozen about, lbs.	21½	18½	14½	9½
Per dozen	$ 9.00	$8.50	$8.00	$7.50

Adze Eye Spike Hammer

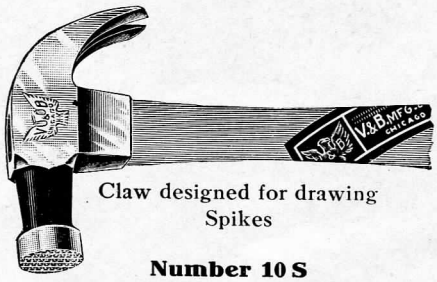
V. & B. EAGLE BRAND

Extra Warranted Steel

Hardened Face

High Polished Finish

Checkered Face



Claw designed for drawing Spikes

Drop Forged

Tempered Claws

White Hickory Handle

Number 10 S

Weight, without handle . . . ozs. 24 — Weight, per dozen . . . about lbs. 24
Length over all . . . . . inches 15 — Per dozen $11.50

New Size Bell Face Nail Hammer—V. & B. Eagle Brand

Number 10

Weight, without handle . . . ozs. 24 — Weight, per dozen . . . about lbs. 24
Length over all . . . . . inches 14 — Per dozen $10.75

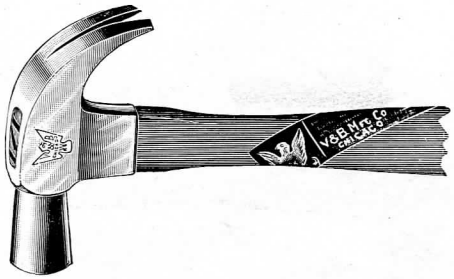
Please Fasten on Page 13, 1910 Catalogue

Adze Eye Nail Hammers

V. & B. EAGLE BRAND

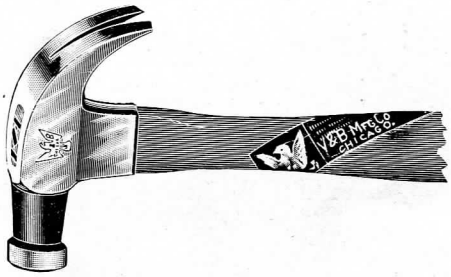
Extra Warranted Steel
Hardened Faces
High Polished Finish

Drop Forged
Tempered Claws
White Hickory Handles

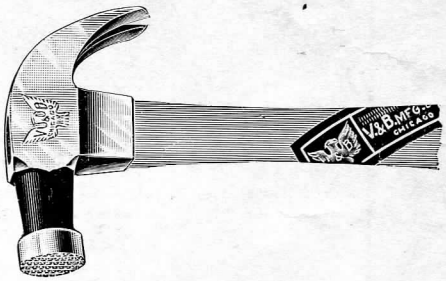


Plain Face

Number	1	1½	2	3
Weight without handle, ozs.	20	16	13	7
Length over all, inches	14	13	13	12
Weight per dozen about, lbs.	21½	18½	14½	9½
Per dozen	$ 9.00	$8.50	$8.00	$7.50



Bell Face
(Black Neck)



Checkered Face. No. C-11½
(Black Neck)

Number	11	11½	12	13	14	C-11½
Weight without handle, ozs.	20	16	13	7	5	16
Length over all, inches	14	13	13	12	11½	13
Weight per dozen about, lbs	21½	18½	14½	9½	6	18½
Per dozen	$9.00	$8.50	$8.00	$7.50	$7.25	$9.00

One-half dozen in a cardboard box. Six dozen in a case

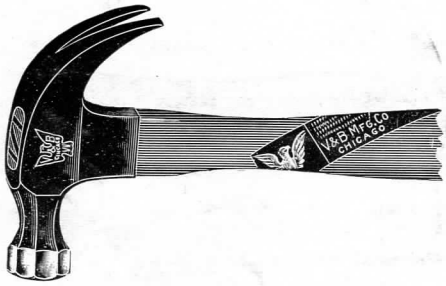
Adze Eye Nail Hammers

V. & B. BLACK EAGLE BRAND

Extra Warranted Steel
Hardened Faces
Hand-made Finish

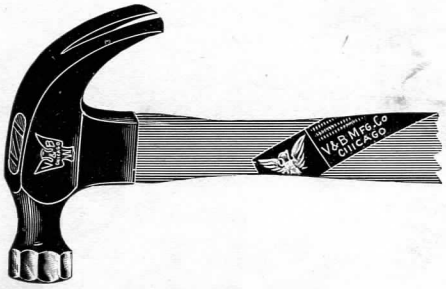
Drop Forged
Tempered Claws
Hickory Handles

Heads and Faces Polished



Octagon Neck and Head

Number	01-B	01½-B	02-B	03-B
Weight without handle, ozs.	21	17	14	8
Length over all, inches	14	13	13	12
Weight per dozen about, lbs	22	19	15	10
Per dozen	$11.50	$11.00	$10.50	$10.00



Round Neck, Octagon Head

Number	10½-B
Weight without handle, ozs.	17
Length over all, inches	13
Weight per dozen about, lbs	19
Per dozen	$11.00

One-half dozen in a cardboard box. Six dozen in a case

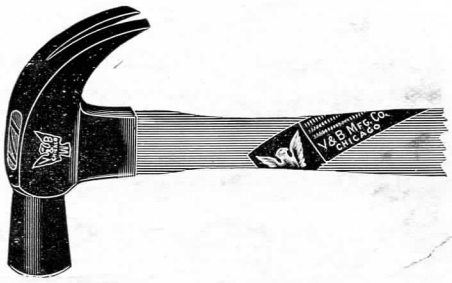
Adze Eye Nail Hammers

V. & B. BLACK EAGLE BRAND

Extra Warranted Steel
Hardened Faces
Hand-made Finish

Drop Forged
Tempered Claws
Hickory Handles

Polished Faces

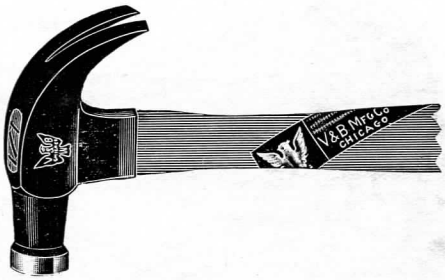


Plain Face

Number	1½-B
Weight without handle, ozs.	16
Length over all, inches	13
Weight per dozen about, lbs.	18½
Per dozen	$8.50

1B 2B

900 800



Bell Face

Number	11-B	11½-B	12-B	13-B
Weight without handle, ozs.	20	16	13	7
Length over all, inches	14	13	13	12
Weight per dozen about, lbs.	21½	18½	14½	9½
Per dozen	$9.00	$8.50	$8.00	$7.50

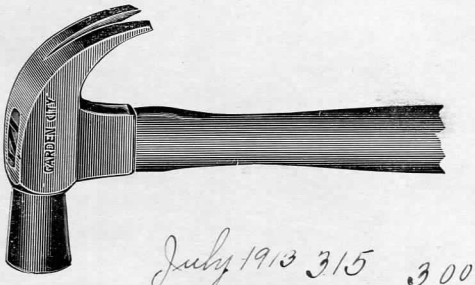
One-half dozen in a cardboard box. Six dozen in a case

Adze Eye Nail Hammers

GARDEN CITY BRAND

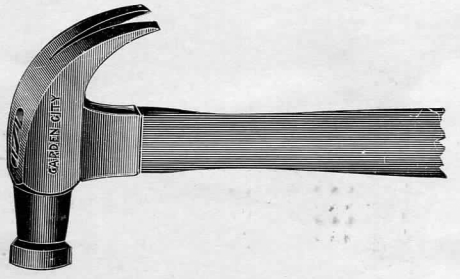
Solid Steel
Polished Finish

Drop Forged
Medium Grade Hickory Handles



Plain Face

July 1913	3.15	3.00	2.85	2.70 Dz
Oct 1/12	3.20	3.00	2.80	2.60 Dz
Number	101	101½	102	103
Weight without handle, ozs	20	16	13	7
Length over all, inches	14	13	13	12
Weight per dozen about, lbs	21½	18½	14½	9½
Per dozen	$7.00	$6.50	$6.00	$5.50



Bell Face
(Black Neck)

Number	111	111½	112	113
Weight without handle, ozs	20	16	13	7
Length over all, inches	14	13	13	12
Weight per dozen about, lbs	21½	18½	14½	9½
Per dozen	$7.00	$6.50	$6.00	$5.50

One-half dozen in a cardboard box. Six dozen in a case

Amer. Disc

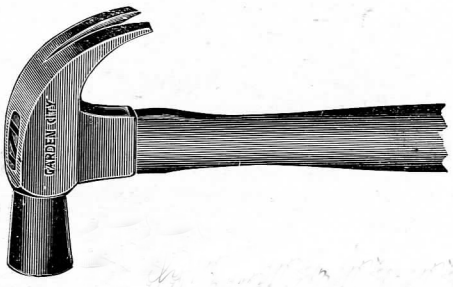
#111½ B
$3.25 & Spec

Adze Eye Nail Hammers

GARDEN CITY BRAND

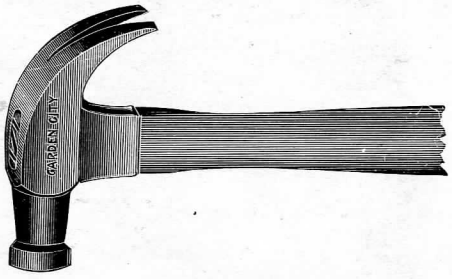
Solid Steel
Polished Finish

Drop Forged
Medium Grade Hickory Handles



Plain Face

Number	101	101½	102	103
Weight without handle, ozs	20	16	13	7
Length over all, inches	14	13	13	12
Weight per dozen about, lbs	21½	18½	14½	9½
Per dozen	$7.00	$6.50	$6.00	$5.50



Bell Face
(Black Neck)

Number	111	111½	112	113
Weight without handle, ozs	20	16	13	7
Length over all, inches	14	13	13	12
Weight per dozen about, lbs	21½	18½	14½	9½
Per dozen	$7.00	$6.50	$6.00	$5.50

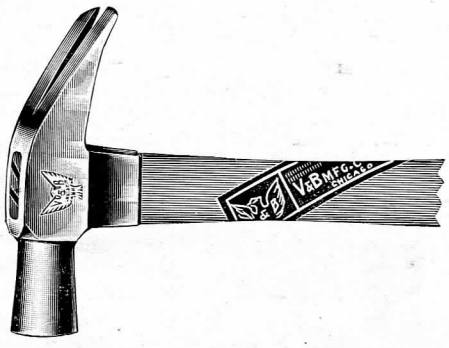
One-half dozen in a cardboard box. Six dozen in a case

Adze Eye Ripping Hammers

V. & B. EAGLE BRAND

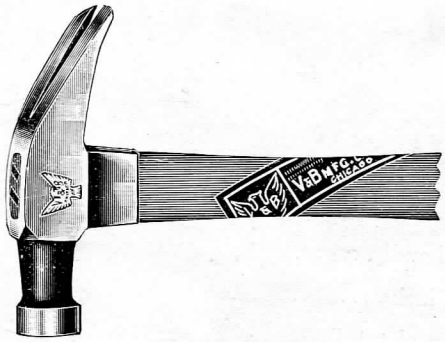
Extra Warranted Steel
Hardened Faces
High Polished Finish

Drop Forged
Tempered Claws
White Hickory Handles



Plain Face

Number	1	1½
Weight without handle, ozs	20	16
Length over all, inches	14	13
Weight per dozen about, lbs	22	18½
Per dozen	$9.00	$8.50



Bell Face
(Black Neck)

Number	11	11½	
Weight without handle, ozs	20	16	
Length over all, inches	14	13	
Weight per dozen about, lbs	22	18½	
Per dozen	$9.00	$8 50	8.00

One-half dozen in a cardboard box. Six dozen in a case

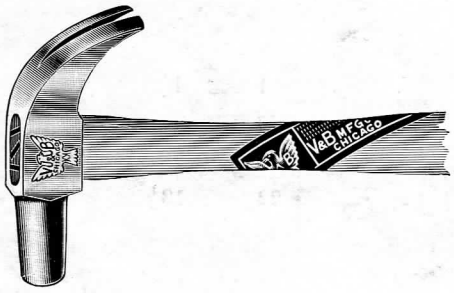
Farriers' Hammers

V. & B. EAGLE BRAND

Extra Warranted Steel
Hardened Faces
High Polished Finish

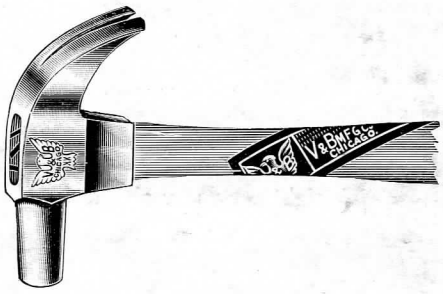
Drop Forged
Tempered Claws
White Hickory Handles

Plain Eye



No. 6

Adze Eye



No. 7

Number	6	7
Weight without handle, ozs	7	7
Length over all, inches	$12\frac{1}{2}$	13
Weight per dozen about, lbs.	$7\frac{3}{4}$	8
Per dozen	$6.25	$7.50

One-half dozen in a cardboard box. Six dozen in a case

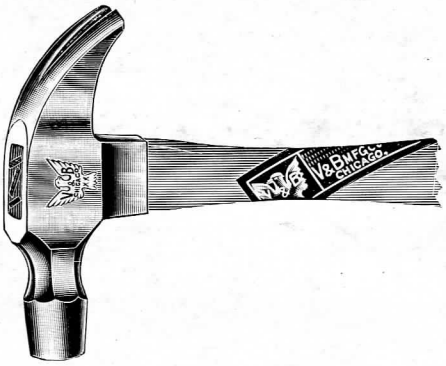
Farriers' Hammers

V. & B. EAGLE BRAND

Extra Warranted Steel
Hardened Faces
High Polished Finish

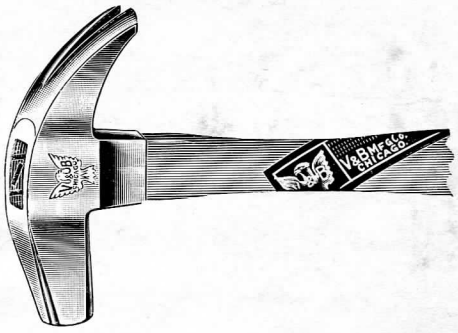
Drop Forged
Tempered Claws
White Hickory Handles

Octagon Neck
Round Tapering Poll



No. 8

Octagon Pattern



Nos. 10 and 12

Number	8	10	12
Weight without handle, ozs	10	10	12
Length over all, inches	13½	13½	14
Weight per dozen about, lbs	11½	11½	13½
Per dozen	$10.00	$7.75	$9.00

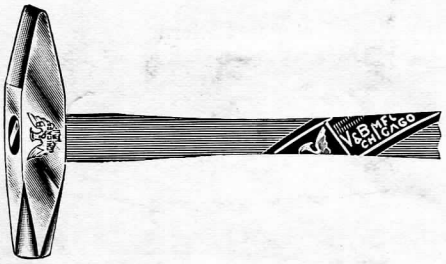
One-half dozen in a cardboard box. Six dozen in a case

Machinists' Riveting and Ball Pein Hammers

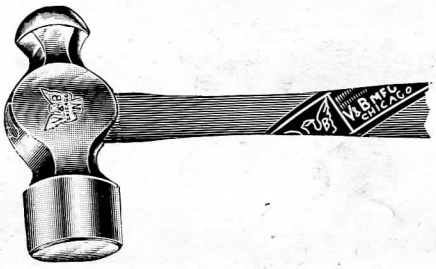
Extra Warranted Steel
Hardened Faces and Peins

Drop Forged
White Hickory Handles

High Polished Finish and Temper Blued



Nickel Plated Finish



RIVETING

No.	Weight without handle	Length over all	Weight per dozen	Per dozen
0	4 ozs.	11 ins.	6½ lbs.	$5.50
1	7 "	11½ "	7½ "	5.75
2	9 "	12 "	9½ "	6.00
3	12 "	12½ "	12 "	6.25
4	15 "	13 "	16 "	6.50
5	18 "	13½ "	18½ "	7.00
6	22 "	14½ "	20½ "	7.50
7	26 "	14½ "	23½ "	8.00

One-half dozen in a cardboard box

BALL PEIN

No.	Weight without handle	Length over all	Weight per dozen	Per dozen
6/0-N	3 ozs.	10 ins.	4½ lbs.	$12.00
5/0-N	4 "	11 "	5½ "	13.00
4/0-N	6 "	12 "	7¼ "	14.00
3/0-N	8 "	12½ "	10½ "	15.00
2/0-N	12 "	13½ "	14 "	16.00
0-N	16 "	14½ "	16 "	17.00
1-N	20 "	15 "	21 "	18.00
2-N	24 "	16 "	24 "	19.00
3-N	28 "	16½ "	28 "	20.00
4-N	32 "	17 "	30 "	21.00

One-third dozen in a cardboard box

Six dozen in a case

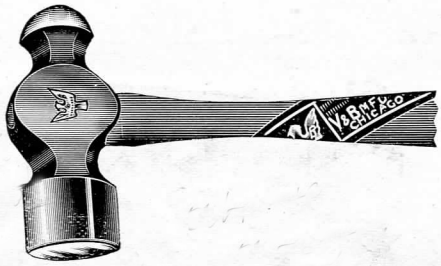
Machinists' Ball Pein Hammers

V. & B. EAGLE BRAND

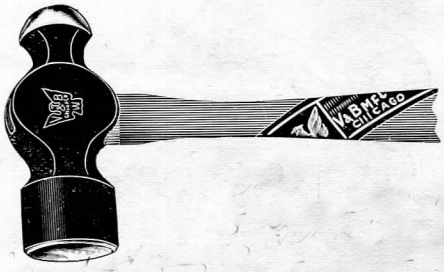
Extra Warranted Steel
Hardened Faces and Peins

Drop Forged
White Hickory Handles

High Polished Finish and Temper Blued



Hand-made Finish



No.	Weight without handle	Length over all	Weight per dozen	Per dozen
6/0	3 ozs.	10 ins.	4½ lbs.	$12.00
5/0	4 "	11 "	5½ "	12.00
4/0	6 "	12 "	7¼ "	12.00
3/0	8 "	12½ "	10½ "	12.00
2/0	12 "	13½ "	14 "	12.00
0	16 "	14½ "	16 "	12.50
1	20 "	15 "	21 "	13.50
2	24 "	16 "	24 "	14.50
3	28 "	16½ "	28 "	15.50
4	32 "	17 "	30 "	16.50
5	36 "	17 "	33 "	17.50
6	40 "	17¼ "	36 "	19.00
7	44 "	17¼ "	41 "	20.50
8	48 "	17½ "	43½ "	22.00

No.	Weight without handle	Length over all	Weight per dozen	Per dozen
6/0-B	3 ozs.	10 ins.	4½ lbs.	$12.00
5/0-B	4 ..	11 "	5½ "	12.00
4/0-B	6 "	12 "	7¼ "	12.00
3/0-B	8 "	12½ "	10½ "	12.00
2/0-B	12 "	13½ "	14 "	12.00
0-B	16 "	14½ "	16 "	12.50
1-B	20 "	15 "	21 "	13.50
2-B	24 "	16 "	24 "	14.50
3-B	28 "	16½ "	28 "	15.50
4-B	32 "	17 "	30 "	16.50

One-third dozen in a cardboard box. Six dozen in a case

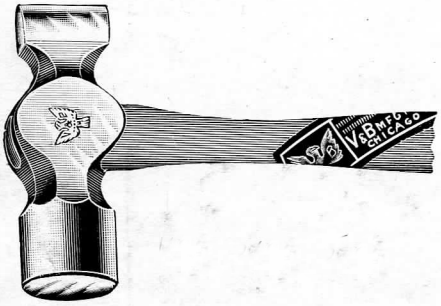
Machinists' Hammers

V. & B. EAGLE BRAND

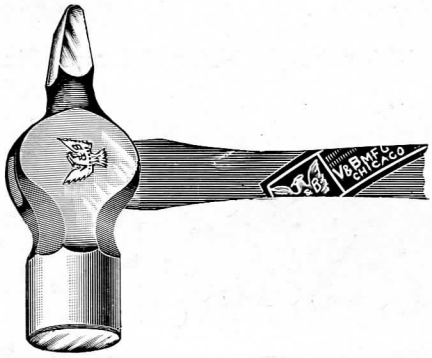
Extra Warranted Steel
Hardened Faces and Peins

Drop Forged
White Hickory Handles

High Polished Finish and Temper Blued



STRAIGHT PEIN HAMMERS



CROSS PEIN HAMMERS

No.	Weight without handle	Length over all	Weight per dozen	Per dozen
6/0	3 ozs.	10 ins.	4½ lbs.	$12.00
5/0	4 "	11 "	5½ "	12.00
4/0	6 "	12 "	7¼ "	12.00
3/0	8 "	12½ "	10½ "	12.00
2/0	12 "	13½ "	14 "	12.00
0	16 "	14½ "	16 "	12.50
1	20 "	15 "	21 "	13.50
2	24 "	16 "	24 "	14.50
3	28 "	16½ "	28 "	15.50
4	32 "	17 "	30 "	16.50
5	36 "	17 "	33 "	17.50
6	40 "	17¼ "	36 "	19.00
7	44 "	17¼ "	41 "	20.50
8	48 "	17½ "	43½ "	22.00

No.	Weight without handle	Length over all	Weight per dozen	Per dozen
6/0	3 ozs.	10 ins.	4½ lbs.	$12.00
5/0	4 "	11 "	5½ "	12.00
4/0	6 "	12 "	7¼ "	12.00
3/0	8 "	12½ "	10½ "	12.00
2/0	12 "	13½ "	14 "	12.00
0	16 "	14½ "	16 "	12.50
1	20 "	15 "	21 "	13.50
2	24 "	16 "	24 "	14.50
3	28 "	16½ "	28 "	15.50
4	32 "	17 "	30 "	16.50
5	36 "	17 "	33 "	17.50
6	40 "	17¼ "	36 "	19.00
7	44 "	17¼ "	41 "	20.50
8	48 "	17½ "	43½ "	22.00

One-third dozen in a cardboard box. Six dozen in a case

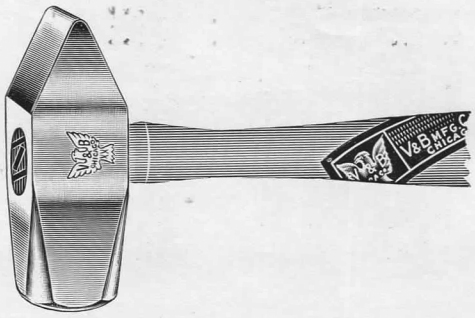
Blacksmiths' Hand Hammers

V. & B. EAGLE BRAND

Extra Warranted Steel
Hardened Faces and Peins

Drop Forged
White Hickory Handles

High Polished Finish



60-10-5/o

Number	0	1	2	3	4	5
Weight without handle, ozs	26	32	42	48	56	72
Length over all, inches	15	15½	16	16½	17	18
Weight per dozen about, lbs	22½	31	39	46	50	59
Per dozen	$13.00	$14.00	$15.00	$16.00	$17.00	$19.00

Plow or Engineers' Hammers

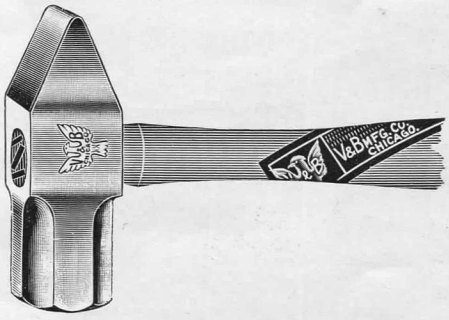
V. & B. EAGLE BRAND

Extra Warranted Steel
Hardened Faces and Peins

Drop Forged
White Hickory Handles

High Polished Finish

60-10-5/o



Number	0	1	2	3	4	5	6
Weight without handle, ozs	18	26	32	40	48	56	72
Length over all, inches	14	15	15½	16	16½	17	18
Weight per dozen about, lbs	18	23	28½	34	40	49	61½
Per dozen	$12.00	$13.00	$14.00	$15.00	$16.00	$17.00	$19.00

One-third dozen in a cardboard box. Six dozen in a case

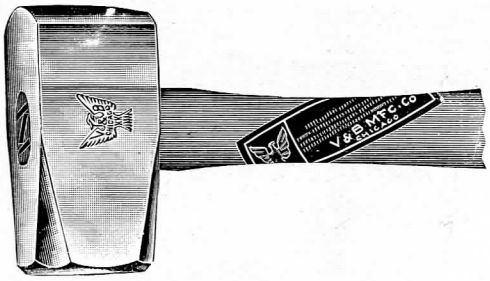
Prospecting Hammers

V. & B. EAGLE BRAND

Extra Warranted Steel
High Polished Finish

Drop Forged
Hardened Faces

White Hickory Handles



Number	1	2
Weight without handle, ozs	22	28
Length over all, inches	15	15
Weight per dozen about, lbs	24	30
Per dozen	$14.00	$15.00

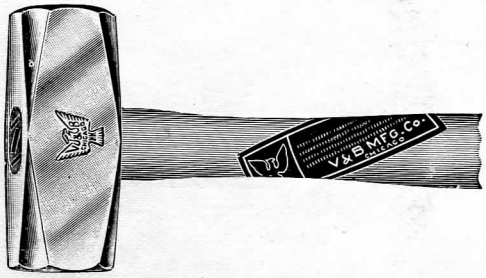
Drill Sharpening Hammers

V. & B. EAGLE BRAND

Extra Warranted Steel
High Polished Finish

Drop Forged
Hardened Faces

White Hickory Handles



Number	0
Weight without handle, ozs	22
Length over all, inches	14
Weight per dozen about, lbs	20
Per dozen	$16.00

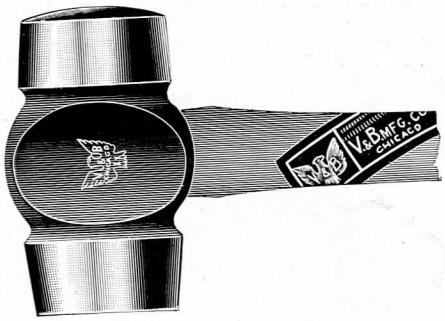
One-half dozen in a cardboard box. Six dozen in a case

Farriers' Turning Hammers

V. & B. EAGLE BRAND

Extra Warranted Steel
Hardened Faces
Heads, High Polished Finish

Drop Forged
White Hickory Handles
Body, Hand-made Finish



Number	0
Weight without handle, ozs	36
Length over all, inches	15
Weight per dozen about, lbs	33
Per dozen	$30.00

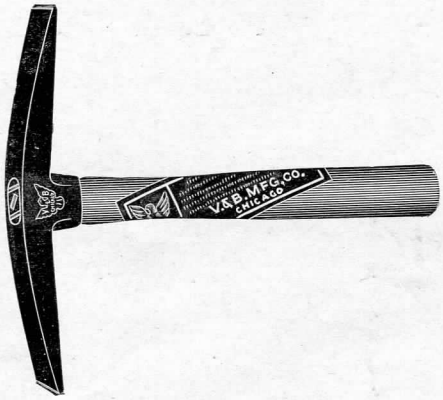
One-third dozen in a cardboard box

Adze Eye Brick Hammers

Adze Eye Bricklayers' Scutches

V. & B. BLACK EAGLE BRAND

Extra Warranted Steel Hardened Drop Forged Hickory Handles



Number	10
Weight without handle, ozs	24
Length over all, inches	11½
Weight per dozen about, lbs.	24
Per dozen	$14.00

One-third dozen in a cardboard box

One-half dozen in a cardboard box

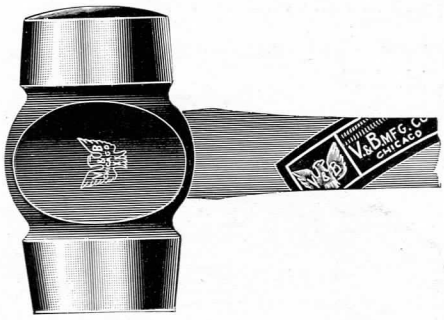
Please Fasten on Page 25—1910 catalogue

Farriers' Turning Hammers

V. & B. EAGLE BRAND

Extra Warranted Steel
Hardened Faces
Heads, High Polished Finish

Drop Forged
White Hickory Handles
Body, Hand-made Finish



Number	0
Weight without handle, ozs	36
Length over all, inches	15
Weight per dozen about, lbs	33
Per dozen	$30.00

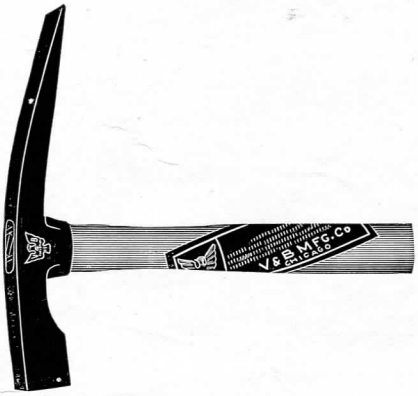
One-third dozen in a cardboard box

Adze Eye Brick Hammers

V. & B. BLACK EAGLE BRAND

Extra Warranted Steel
Hardened
Hand-made Finish

Drop Forged
Square Face
Hickory Handles



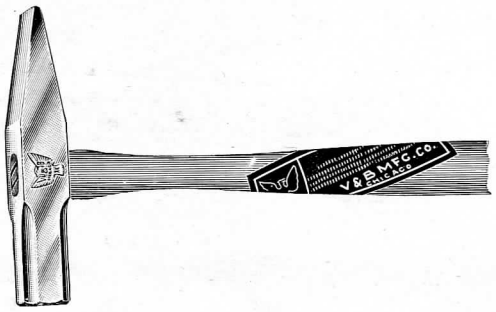
Number	1	2
Weight without handle, ozs	24	32
Length over all, inches	11½	11½
Weight per dozen about, lbs	25½	31½
Per dozen	$14.00	$15.00

One-half dozen in a cardboard box

Tinners' Riveting and Paneing Hammers

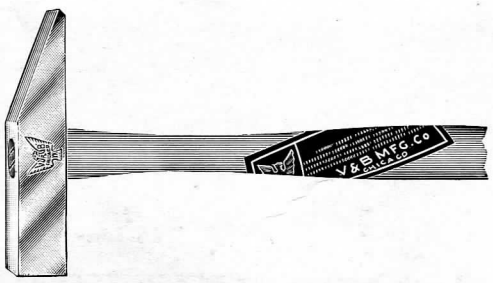
V. & B. EAGLE BRAND

Extra Warranted Steel	Drop Forged
Hardened Faces and Peins	Plain Eye
High Polished Finish	White Hickory Handles



Riveting

Number	1	2	3
Weight without handle, ozs.	8	12	16
Length over all, inches	12½	14	15
Weight per dozen about, lbs	11½	13½	15½
Per dozen	$6.00	$6.25	$6.75



Paneing

Number	1	2	3	4
Face, inches square	¾	⅞	1	1⅛
Weight without handle, ozs	8	12	16	20
Length over all, inches	12½	13	14½	15
Weight per dozen about, lbs	10	13	18	22
Per dozen	$6.00	$6.25	$6.75	$7.25

One-half dozen in a cardboard box. Six dozen in a case

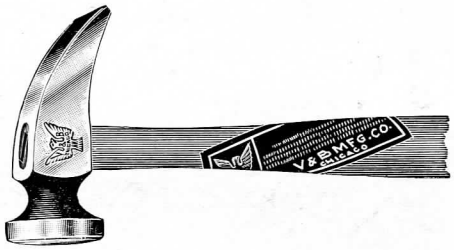
Shoe Hammers

V. & B. EAGLE BRAND

Extra Warranted Steel
Hardened
High Polished Finish

Drop Forged
Bell Face
White Hickory Handles

Black Neck



Number	1
Weight without handle, ozs	13
Length over all, inches	10
Weight per dozen about, lbs	14
Per dozen	$5.50

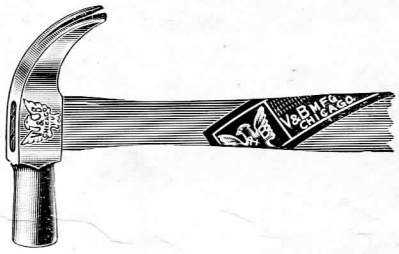
Brad Hammers

V. & B. EAGLE BRAND

Extra Warranted Steel
Hardened Face
High Polished Finish

Drop Forged
Tempered Claws
White Hickory Handles

Plain Eye



Number	20
Weight without handle, ozs	4
Length over all, inches	11
Weight per dozen about, lbs	$5\frac{1}{2}$
Per dozen	$5.50

One-half dozen in a cardboard box. Six dozen in a case

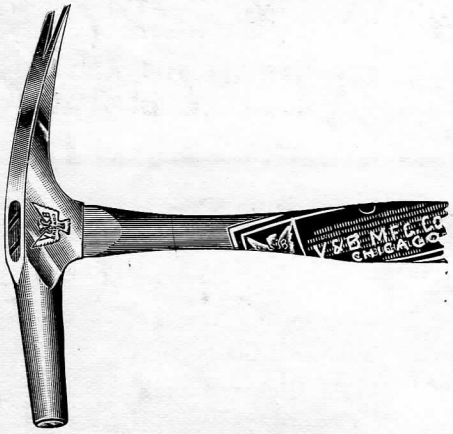
Adze Eye Tack Hammers

V. & B. EAGLE BRAND

Extra Warranted Steel
Hardened Faces
High Polished Finish

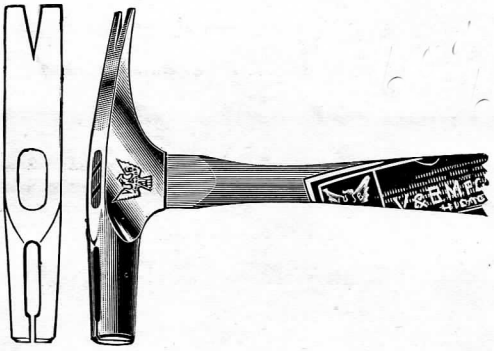
Drop Forged
Tempered Claws
White Hickory Handles

UPHOLSTERERS' PATTERN



No. 4

HORSESHOE PATTERN MAGNETIZED



No. 5

Number	4	5
Length of head, inches	$5\frac{3}{4}$	$4\frac{3}{4}$
Length over all, inches	$11\frac{1}{2}$	$11\frac{1}{2}$
Weight per dozen about, lbs.	$7\frac{1}{4}$	$6\frac{3}{4}$
Per dozen	$9.00	$9.00

One-half dozen in a cardboard box. Six dozen in a case

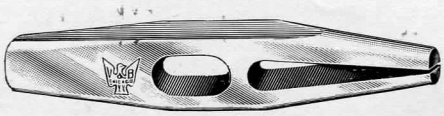
Bill Posters' Hammers

V. & B. EAGLE BRAND

Extra Warranted Steel
Hardened Faces
Plain Eye

Drop Forged
Magnetized
Horseshoe Pattern

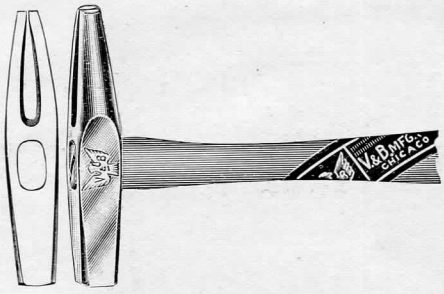
Without Handles



Nickel Plated Finish

Number	50	80
Weight each, ozs	5	8
Length of head, inches	4	$4\frac{1}{2}$
Weight per dozen about, lbs	4	$6\frac{1}{4}$
Per dozen	$12.00	$15.00

Handled



High Polished Finish

Number	55	85
Weight without handle, ozs	5	8
Length of head, inches	4	$4\frac{1}{2}$
Length over all, inches	$11\frac{1}{2}$	$11\frac{1}{2}$
Weight per dozen about, lbs	6	$8\frac{1}{4}$
Per dozen	$8.00	$10.00

One-half dozen in a cardboard box

BILL POSTERS' HAMMER HANDLES

Select White Ash

24-inch—weight per dozen, about 3 lbs. Per dozen $3.60
36-inch—weight per dozen, about 5 lbs. Per dozen 3.60
No. J36. Jointed. In two sections. Full length 36 inches.
Weight per dozen about $6\frac{3}{4}$ lbs. Per dozen $8.00

Packed loose

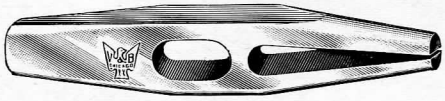
Bill Posters' Hammers

V. & B. EAGLE BRAND

Extra Warranted Steel
Hardened Faces
Plain Eye

Drop Forged
Magnetized
Horseshoe Pattern

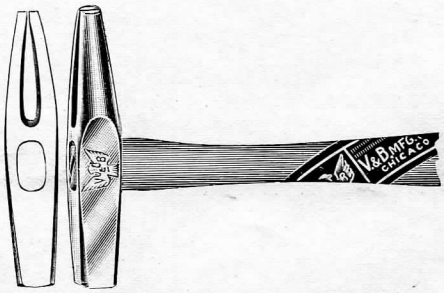
Without Handles



Nickel Plated Finish

Number	50	80
Weight each, ozs	5	8
Length of head, inches	4	$4\frac{1}{2}$
Weight per dozen about, lbs	4	$6\frac{1}{4}$
Per dozen	$12.00	$15.00

Handled



High Polished Finish

Number	55	85
Weight without handle, ozs	5	8
Length of head, inches	4	$4\frac{1}{2}$
Length over all, inches	$11\frac{1}{2}$	$11\frac{1}{2}$
Weight per dozen about, lbs	6	$8\frac{1}{4}$
Per dozen	$8.00	$10.00

One-half dozen in a cardboard box

BILL POSTERS' HAMMER HANDLES

Select White Ash

24-inch—weight per dozen, about 3 lbs. Per dozen $3.60
36-inch—weight per dozen, about 5 lbs. Per dozen 3.60
No. J36. Jointed. In two sections. Full length 36 inches.
Weight per dozen about $6\frac{3}{4}$ lbs. Per dozen $8.00

45" (3 sec.) Bill Poster Hdl. — 14.00 (List)

Packed loose

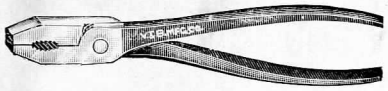
PLEASE FASTEN ON PAGE 30, 1910 CATALOGUE

VAUGHAN & BUSHNELL MFG. CO.

Burner and Gas Pliers

EXTRA WARRANTED STEEL
OIL TEMPERED
POLISHED JAWS

DROP FORGED
MILLED TEETH
HANDLES BLUED



BURNER PLIERS. Nos. 5 and 6

GAS PLIERS. Nos. 7 to 14

Number	5	6	7	8	10	12	14
Length, inches	5	6	7	8	10	12	14
Holds Gas Pipe, inches	½	¾	1 to ½	1¼ to ¾	1½ to ¾	1¾ to ¾	2 to ¾
Weight per dozen, about lbs.	3½	5	5½	8	12	19½	21½
Per Dozen	$5.00	$6.00	$7.00	$7.50	$9.50	$12.00	$15.00

Weight per dozen about, lbs	3½	5
Per dozen	$6.00	$8.00

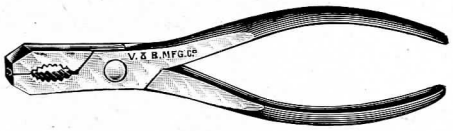
Gas Pliers

Number	7	8	9	10	12	14
Length, inches	7	8	9	10	12	14
Holds gas pipe, inches	1 to ½	1¼ to ¾	1¼ to ¾	1½ to ¾	1¾ to ¾	2 to ¾
Weight per dozen about, lbs	5	8	8½	12	15½	21½
Per dozen	$7.40	$8.25	$9.25	$10.70	$13.00	$17.00

One-half dozen in a cardboard box

Burner and Gas Pliers

Extra Warranted Steel	Drop Forged
Milled Teeth	Oil Tempered
High Polished Finish	Handles Blued



Burner Pliers

Number	5	6
Length, inches	5	6
Holds gas pipe, inches	$\frac{1}{2}$ and smaller	$\frac{3}{4}$ and smaller
Weight per dozen about, lbs	$3\frac{1}{2}$	5
Per dozen	$6.00	$8.00

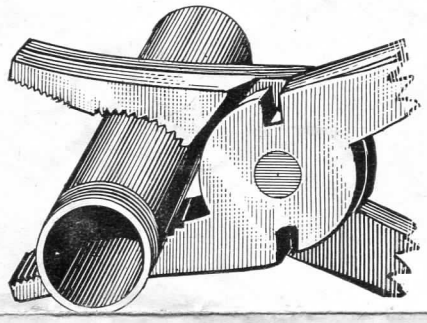
Gas Pliers

Number	7	8	9	10	12	14
Length, inches	7	8	9	10	12	14
Holds gas pipe, inches	1 to $\frac{1}{2}$	$1\frac{1}{4}$ to $\frac{3}{4}$	$1\frac{1}{4}$ to $\frac{3}{4}$	$1\frac{1}{2}$ to $\frac{3}{4}$	$1\frac{3}{4}$ to $\frac{3}{4}$	2 to $\frac{3}{4}$
Weight per dozen about, lbs	5	8	$8\frac{1}{2}$	12	$15\frac{1}{2}$	$21\frac{1}{2}$
Per dozen	$7.40	$8.25	$9.25	$10.70	$13.00	$17.00

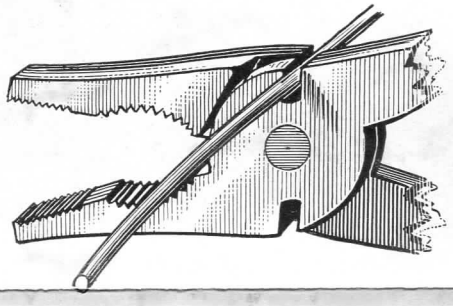
One-half dozen in a cardboard box

DOUBLE DUTY PLIER

THE BEST DESIGNED PLIER FOR GENERAL USE
OPENS WIDER THAN ANY OTHER
LONG NARROW JAWS FOR DIFFICULT PLACES

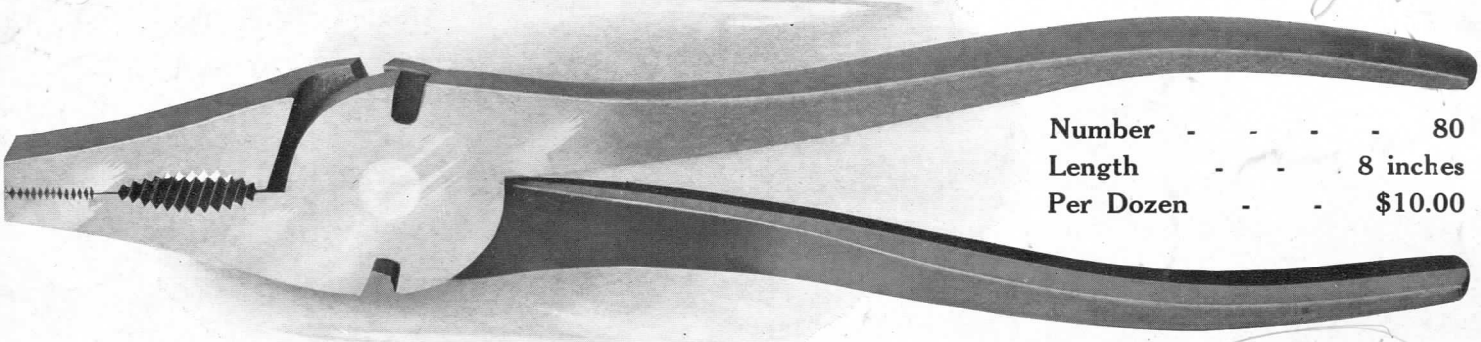


WIDE HANDLES FOR COMFORT



CAN BE USED ON RODS-PIPE-BOLTS-NUTS.
WIRE CUTTING AND BENDING PURPOSES.

$2.00 Dz net



Number	80
Length	8 inches
Per Dozen	$10.00

~~80%~~

—AN IDEAL PLIER FOR—
GAS ENGINES·AUTOMOBILES·STOVE REPAIRS·
TINNING · PLUMBING · HOUSEHOLD SERVICE·

·MADE OF HIGH CARBON STEEL—TEMPERED·

GUARANTEED BY

VAUGHAN & BUSHNELL MFG. CO.

—MAKERS—

CHICAGO, ILL., U.S.A.

THE·FRANKLIN·CO·CHI.—

VAUGHAN & BUSHNELL MFG. CO.

NEW LINE OF HIGHEST QUALITY PLIERS

Please Use Numbers When Ordering

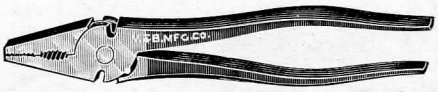
BURNER PLIERS

Black Chased Handles ~~Blued Finish~~.	**Polished Jaws.**	
No.	605	606
Length, inches	5	6
Full Polished.	**Chased Handles.**	
No.	705	706
Length, inches	5	6
Per Dozen	$5.00	$6.00

GAS PLIERS

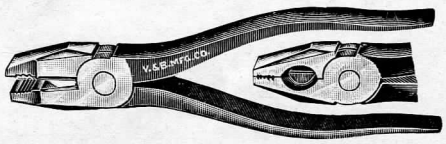
Black Chased Handles ~~Blued Finish~~.	**Polished Jaws.**				
No.	607	608	610	612	614
Length, inches.	7	8	10	12	14
Full Polished.	**Chased Handles.**				
No.	707	708	710	712	714
Length, inches.	7	8	10	12	14
Per Dozen	$7.00	$7.50	$9.50	$12.00	$15.00

BUTTON'S PATTERN PLIERS



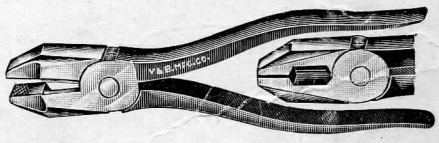
Black Chased Handles ~~Blued Finish~~.	**Polished Jaws.**		**With Stop Joint.** ~~Without Stop Joint~~.	
No.	1604½	1606	1608	1610
Length, inches.	4½	6	8	10
Full Polished.	**Chased Handles.**		**With Stop Joint.**	
No.	1704½	1706	1708	1710
Length, inches.	4½	6	8	10
Per Dozen	$5.00	$6.00	$7.50	$9.50

SIDE CUTTING PLIERS



Black Chased Handles ~~Blued Finish~~.	**Polished Jaws.**				
No.	2604	2605	2606	2607	2608
Length, inches.	4	5	6	7	8
Full Polished.	**Chased Handles.**				
No.	2704	2705	2706	2707	2708
Length, inches.	4	5	6	7	8
Per Dozen	$11.00	$11.50	$12.50	$15.50	$18.00

LINEMEN'S PLIERS



Black Chased Handles ~~Blued Finish~~.	**Polished Jaws.**			
No.	3606	3607	3608	3609
Length, inches.	6	7	8	9
Full Polished.	**Chased Handles.**			
No.	3706	3707	3708	3709
Length, inches.	6	7	8	9
Per Dozen	$16.50	$20.50	$24.00	$35.00

All the above Patterns of Pliers are Packed One in a Carton. Six Cartons in a Package.

	4½-5-6	7-8	9-10	12-14
Metal	5	10	15	20
Nickel Plate	30	50	75	100

This is extra per dozen beyond regular polished prices on all Pliers.

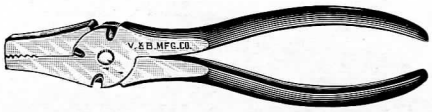
Button's Pattern Pliers

V. & B. MFG. CO. BRAND

Extra Warranted Steel — Drop Forged

Oil Tempered — Cutters Tested

High Polished Finish — Handles Blued



Number	4½	6	8	10
Length, inches	4½	6	8	10
Weight per dozen about, lbs	2½	5	9	13
Per dozen	$10.00	$12.00	$15.00	$20.00

GARDEN CITY BRAND

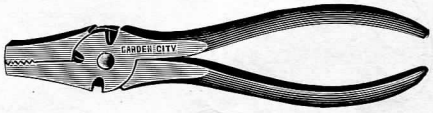
Solid Steel — Drop Forged

Hardened — Polished Jaws

Natural Finish Handles

These pliers are first quality goods, but not as highly finished as V. & B. Mfg. Co. Brand

We will replace any that prove defective



Number	104½	106	108	110
Length, inches	4½	6	8	10
Weight per dozen about, lbs	2½	5	9	13
Per dozen	$10.00	$12.00	$15.00	$20.00

One-half dozen in a cardboard box

New Style Carpenters' Pincers

Extra Warranted Steel
Oil Tempered

Drop Forged
Polished Finish Jaws

Wire Cutter Inside of Jaws

All Sizes Have Claw and Screw Driver

The Handles are Oval which gives a Comfortable Grip

Number	6	8	10	12
Length, inches	6	8	10	12
Per Dozen	$3.50	4.75	5.50	7.00

One-half Dozen in a Cardboard Box

Please fasten on Page 32, 1910 Catalogue

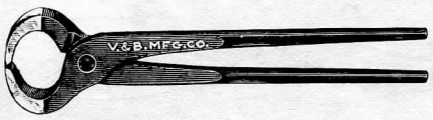
Number	06	6	7	8	9	10	12
Length, inches	6	6	7	8	9	10	12
Weight per dozen about, lbs	5½	5½	8½	10	12½	15	18
Per dozen	$3.25	$3.50	$4.40	$4.75	$5.40	$5.50	$7.00

Blacksmiths' Pincers

Extra Warranted Steel — Drop Forged

Oil Tempered and Polished Finish Jaws

Natural Finish Handles



Number	10	12	14
Length, inches	10	12	14
Weight per dozen about, lbs	17	21	24
Per dozen	$9.00	$10.00	$12.00

One-half dozen in a cardboard box

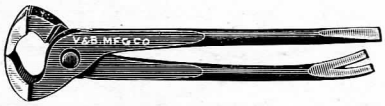
Carpenters' Pincers

Extra Warranted Steel — Drop Forged

Oil Tempered and Polished Finish Jaws

Polished Finish Claws and Screw Drivers — Natural Finish Handles

Improved design, giving increased pulling leverage



NOTE.—Number 06—6-inch has straight round handles, and will be furnished unless No. 6—6-inch with claw and screw driver is specified.

Number	06	6	7	8	9	10	12
Length, inches	6	6	7	8	9	10	12
Weight per dozen about, lbs	5½	5½	8½	10	12½	15	18
Per dozen	$3.25	$3.50	$4.40	$4.75	$5.40	$5.50	$7.00

Blacksmiths' Pincers

Extra Warranted Steel — Drop Forged

Oil Tempered and Polished Finish Jaws

Natural Finish Handles

Number	10	12	14
Length, inches	10	12	14
Weight per dozen about, lbs	17	21	24
Per dozen	$9.00	$10.00	$12.00

One-half dozen in a cardboard box

#100 Double Duty Fence Nipper
#200 Staple Puller } 6.50 Per Dz. net

Combination Hoof and Nail Nipper

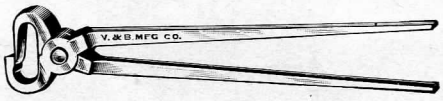
Extra Warranted Steel — Drop Forged
Oil Tempered — Polished Jaws
Handles Polished outside and Gun Metaled

This Nipper is designed for Hoof Paring as well as Nail Cutting

Number	52
Length, inches	14
Weight per dozen about, lbs	20
Per dozen	$32.00

New Pattern Farriers' Hoof Parers

Extra Warranted Steel — Drop Forged
Oil Tempered — Full Polish Finish
Flat Lip designed to allow clearance — Counter Bored Joint



Number	220	222
Length, inches	12	14
Weight per dozen about, lbs	25	26
Per dozen	$24.00	$28.80

Please Fasten on Page 33—1910 catalogue

Farriers' Shoeing Pincers

Extra Warranted Steel Drop Forged

Oil Tempered and Polished Finish Jaws

Natural Finish Handles

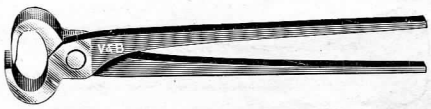
Number	13	14
Length, inches	13	14
Weight per dozen about, lbs	31½	32½
Per dozen	$13.00	$15.00

Farriers' Hoof Parers

Extra Warranted Steel Drop Forged

Oil Tempered and Polished Jaws

Natural Finish Handles



Number	212	214
Length, inches	12	14
Weight per dozen about, lbs	23	25
Per dozen	$24.00	$28.80

One-half dozen in a cardboard box

Farriers' Clinch Tongs

Extra Warranted Steel — Drop Forged

Milled Teeth — Oil Tempered

Full Polished Finish

Number	14
Length, inches	14
Weight per dozen about, lbs	22½
Per dozen	$26.40

Farriers' Cutting Nippers

Extra Warranted Steel — Drop Forged

Oil Tempered Jaws — Full Polished Finish

For Farriers' use only

Number	20	22
Length, inches	12	14
Weight per dozen about, lbs	26	28½
Per dozen	$24.00	$28.80

One-half dozen in a cardboard box

Nail Cutting Nippers

Extra Warranted Steel Drop Forged

Oil Tempered and Polished Jaws

Natural Finish Handles

Heavy and Extra Strong Pattern, for general use

Number	30	32
Length, inches	12	14
Weight per dozen about, lbs	21	23½
Per dozen	$15.00	$16.00

Light Pattern, for general use

Number	40	42
Length, inches	10	12
Weight per dozen about, lbs	14	16
Per dozen	$14.50	$15.50

One-half dozen in a cardboard box

Horseshoers' Tongs

Solid Steel Oil Finished

Drop Forged Recessed Jaws

Number	0	2/0
Length, inches	12	14
Weight per dozen about, lbs	18	20
Per dozen	$5.00	$5.50

Blacksmiths' Straight Lip Tongs

Solid Steel Oil Finished Drop Forged

Number	14	16	18	20	22	24	26	28	30
Length, inches	14	16	18	20	22	24	26	28	30
Weight per pair about, lbs	$1\frac{5}{8}$	$1\frac{3}{4}$	2	$2\frac{3}{4}$	3	$3\frac{3}{4}$	4	$4\frac{1}{4}$	$5\frac{1}{4}$

Per pound, all sizes $0.15

Extra charge for setting open straight lip tongs to hold specified sizes. See discount sheet

Packed loose

Blacksmiths' Bolt Tongs

Solid Steel Oil Finished Drop Forged

For holding bolts and round iron

Number	4	5	6	8	10	12	14	16	18	20
For holding round iron, inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Length, inches	18	18	20	20	22	22	24	24	24	24
Weight per pair about, lbs	2	2	$2\frac{1}{4}$	$2\frac{1}{4}$	$3\frac{1}{4}$	$3\frac{1}{4}$	$3\frac{3}{4}$	$3\frac{3}{4}$	$3\frac{3}{4}$	$3\frac{3}{4}$

Per pound, all sizes $0.25

Blacksmiths' Gad Tongs

Solid Steel Oil Finished Drop Forged

Number	18	20	22	24
Length, inches	18	20	22	24
Weight per pair about, lbs	2	$2\frac{1}{4}$	$3\frac{1}{4}$	$3\frac{1}{2}$

Per pound, all sizes $0.20

Packed loose

Blacksmiths' Pick-up Tongs

Solid Steel Drop Forged Oil Finished

For picking up hot irons

SINGLE PATTERN

4.50 pr net

Number	22
Length, inches	22
Weight per pair about, lbs	$3\frac{1}{4}$
Per pound	$0.25

Blacksmiths' Pick Tongs

Solid Steel Drop Forged Oil Finished

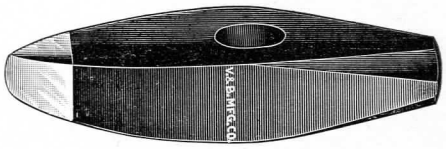
For holding miners' picks while being sharpened

Number	24
Length, inches	24
Weight per pair about, lbs	4
Per pound	$0.25

Packed loose

Track Chisels

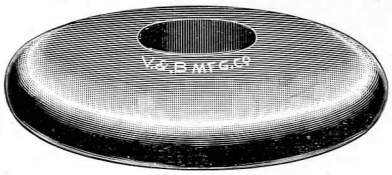
Extra Warranted Forged Steel — Oil Tempered
Size of Body, $1\frac{3}{4}$ inches square — Curved Bit, $1\frac{1}{4}$ inches



Weight each, lbs.	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6
Length about, inches.	$8\frac{1}{4}$	$8\frac{1}{2}$	9	$9\frac{1}{4}$	$9\frac{1}{2}$
Per pound	$0.40	$0.40	$0.40	$0.40	$0.40

Macadamizing Hammers

Solid Steel — Drop Forged — Oil Finished



15¢ lb.

Weight each, lbs.	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Diameter, inches.	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{8}$	$3\frac{1}{4}$
Per pound	$0.40	$0.40	$0.40	$0.40	$0.40

Plow Anvils

Solid Steel — Drop Forged
Hardened — Rounding Face
Tapering Shank — Polished Finish Head and Face
Oil Finished Shank

Diameter of face, 3 inches; length over all, $5\frac{3}{4}$ inches

Weight each about, lbs.	$4\frac{1}{2}$
Per pound	$0.30

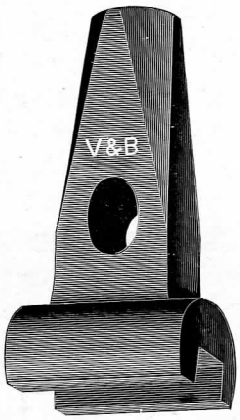
Packed loose

Blacksmiths' Top and Bottom Channel Swages

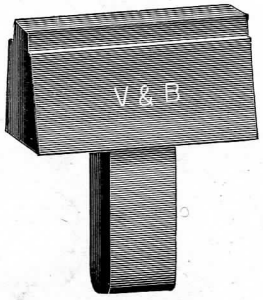
Solid Forged Steel — Oil Finished

For welding channel irons for rubber tires

Standard Round Edge Pattern



Top



Bottom

Average length, tops, 5 to 6 inches; bottoms, 4 inches

Bottoms with shanks to fit one inch hole in anvil

Tops			Bottoms		
Size	Weight each	Each	Size	Weight each	Each
¾ ins.	3 lbs.	$1.40	¾ ins.	2½ lbs.	$1.40
⅞ "	3 "	1.40	⅞ "	2¾ "	1.40
1 "	3¼ "	1.40	1 "	3 "	1.40
1⅛ "	3½ "	1.55	1⅛ "	3¼ "	1.55
1¼ "	3½ "	1.55	1¼ "	3½ "	1.55
1⅜ "	3½ "	1.80	1⅜ "	3½ "	1.80
1½ "	4 "	1.80	1½ "	3½ "	1.80
1⅝ "	4½ "	2.05	1⅝ "	3½ "	2.05
1¾ "	4½ "	2.05	1¾ "	3¾ "	2.05
2 "	5 "	2.05	2 "	4¼ "	2.05
2½ "	7 "	2.40	2½ "	5½ "	2.40
3 "	7¼	4.00	3 "	6¾ "	4.00

Packed loose

Horseshoers' Toe Knives

Solid Forged Steel — Oil Tempered

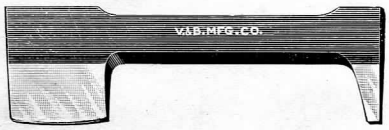
Polished Finish Blade — Oil Finished Body

Length, inches	$7\frac{1}{2}$
Length of blade, inches	$2\frac{3}{4}$
Weight per dozen about, lbs	8
Per dozen	$9.00

Horseshoers' Buffers

Solid Forged Steel — Oil Tempered

Polished Finish Blades — Oil Finished Body



Length, inches	6
Length of blade, inches	$1\frac{3}{4}$
Weight per dozen about, lbs	$6\frac{1}{2}$
Per dozen	$9.00

One-half dozen in a paper package

Horseshoers' Nail Punches

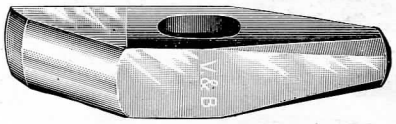
Solid Forged Steel — Oil Tempered
Polished Finish Points — Oil Finished Body

Points 1-16 x 3-16 inches

Number	15	16
Steel, inches square	$\frac{7}{8}$	1
Length, inches	5	5
Weight per dozen about, lbs	8	$10\frac{1}{2}$
Per dozen	$4.00	$5.00

Horseshoers' Creasing Tools

Solid Forged Steel — Oil Tempered
Polished Finish Bits — Oil Finished Body



Number	17	18
Width of bit, inches	$\frac{7}{8}$	1
Length, inches	$3\frac{3}{4}$	$3\frac{3}{4}$
Weight per dozen about, lbs	$6\frac{3}{4}$	9
Per dozen	$4.00	$5.00

Packed loose

Horseshoers' Pritchels

Solid Forged Steel — Oil Tempered
Polished Finish Taper — Natural Finish Body

Point 1-16 x 3-16 inches

Octagon Steel, $\frac{5}{8}$-inch. Length, 10 inches

Weight per dozen about, lbs	10
Per pound	$0.40

Rd.

Blacksmiths' Hand Punches

Solid Forged Steel — Oil Tempered
Polished Finish Points — Natural Finish Body

WHEN ORDERING SPECIFY DIAMETER OF POINT

Diameter of point, inches	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Length, inches	10	10	10	10	10	10	10
Diameter of octagon body, inches	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Weight per dozen about, lbs	$9\frac{1}{2}$	10	10	10	15	$20\frac{1}{2}$	28
Per pound, all sizes							$0.40

Blacksmiths' Hand Center Punches

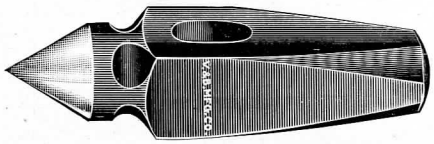
Solid Forged Steel — Oil Tempered
Polished Finish Point — Natural Finish Body

Number	13
Diameter of octagon body, inches	$\frac{5}{8}$
Length, inches	7
Weight per dozen about, lbs	$7\frac{3}{4}$
Per pound	$0.40

One-half dozen in a paper package

Blacksmiths' Eye Center Punches

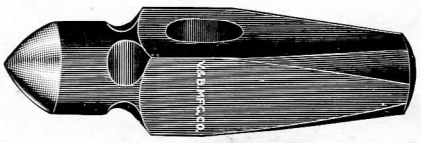
Solid Forged Steel — Oil Tempered
Polished Finish Point — Oil Finished Body



Length, inches	6
Weight each about, lbs	2
Per pound	$0.40

Blacksmiths' Counter Sinks

Solid Forged Steel — Oil Tempered
Polished Finish Point — Oil Finished Body

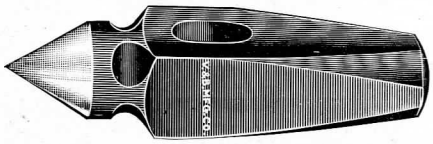


Length, inches	6
Weight each about, lbs	2
Per pound	$0.40

Packed loose

Blacksmiths' Eye Center Punches

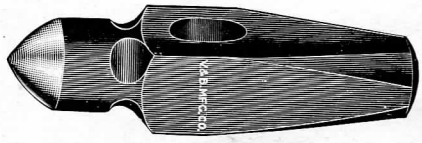
Solid Forged Steel — Oil Tempered
Polished Finish Point — Oil Finished Body



Length, inches	6
Weight each about, lbs	2
Per pound	$0.40

Blacksmiths' Counter Sinks

Solid Forged Steel — Oil Tempered
Polished Finish Point — Oil Finished Body



Length, inches	6
Weight each about, lbs	2
Per pound	$0.40

Packed loose

Blacksmiths' Punches

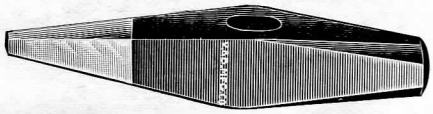
Solid Forged Steel
Polished Finish Points
Hardened Points
Oil Finished Body

ROUND PATTERN

Average length, $7\frac{3}{4}$ to $8\frac{1}{4}$ inches.

Diameter of point, inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per pound, all sizes									$0.40

SQUARE PATTERN



Average length, $7\frac{3}{4}$ to $8\frac{1}{4}$ inches.

Size of point, inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per pound, all sizes									$0.40

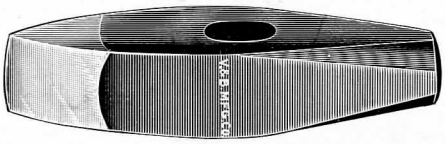
Packed loose

Blacksmiths' Chisels

10¢

Solid Forged Steel — Oil Tempered
Polished Finish Bits — Oil Finished Body

COLD CHISELS

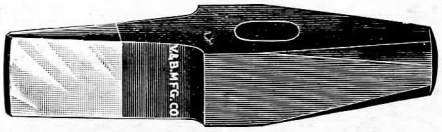


Width of bit, inches	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length, inches	$5\frac{3}{4}$	$6\frac{1}{4}$	$6\frac{1}{2}$	7	$7\frac{1}{4}$	$7\frac{3}{4}$	8
Weight each about, lbs	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$4\frac{1}{4}$	$5\frac{1}{2}$

Per pound, all sizes $0.40

Cold Chisels made to order of Jessop's English tool steel 33¢ lb. Jessop

HOT CHISELS



Width of bit, inches	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length, inches	$6\frac{1}{2}$	$6\frac{3}{4}$	$7\frac{1}{4}$	$8\frac{1}{4}$	$8\frac{1}{2}$	$8\frac{3}{4}$	9
Weight each about, lbs	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{3}{4}$	5

Per pound, all sizes $0.40

Packed loose

Blacksmiths' Punches

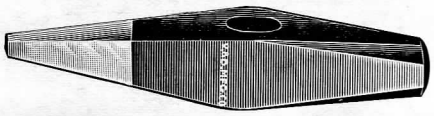
Solid Forged Steel — Hardened Points
Polished Finish Points — Oil Finished Body

ROUND PATTERN

Average length, $7\frac{3}{4}$ to $8\frac{1}{4}$ inches.

Diameter of point, inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per pound, all sizes									$0.40

SQUARE PATTERN



Average length, $7\frac{3}{4}$ to $8\frac{1}{4}$ inches.

Size of point, inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per pound, all sizes									$0.40

Packed loose

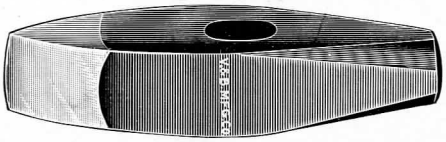
Blacksmiths' Chisels

104

Solid Forged Steel — Oil Tempered

Polished Finish Bits — Oil Finished Body

COLD CHISELS

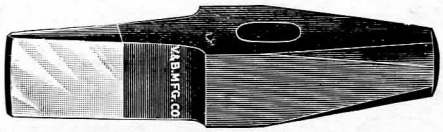


Width of bit, inches	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length, inches	$5\frac{3}{4}$	$6\frac{1}{4}$	$6\frac{1}{2}$	7	$7\frac{1}{4}$	$7\frac{3}{4}$	8
Weight each about, lbs	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$4\frac{1}{4}$	$5\frac{1}{2}$

Per pound, all sizes $0.40

Cold Chisels made to order of Jessop's English tool steel

HOT CHISELS



Width of bit, inches	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length, inches	$6\frac{1}{2}$	$6\frac{3}{4}$	$7\frac{1}{4}$	$8\frac{1}{4}$	$8\frac{1}{2}$	$8\frac{3}{4}$	9
Weight each about, lbs	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{3}{4}$	5

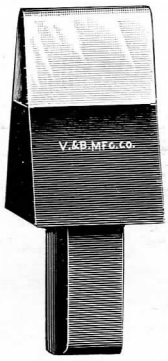
Per pound, all sizes $0.40

Packed loose

Blacksmiths' Anvil Hardies

10¢

Solid Forged Steel — Oil Tempered
Polished Finish Bits — Oil Finished Body



Size of square shank, inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Width of bit, inches	$1\frac{5}{8}$	$1\frac{3}{4}$	2	2	$2\frac{1}{8}$	$2\frac{1}{8}$	$2\frac{1}{8}$
Length over all, inches	$3\frac{3}{4}$	$4\frac{1}{2}$	5	$5\frac{1}{4}$	$5\frac{1}{4}$	$5\frac{1}{4}$	$5\frac{1}{4}$

Per pound, all sizes $0.40

6 3/4 10 1/2 12 17 1/2 19 1/2 25 1/2 28 1/2 lbs

Blacksmiths' Heading Tools

Solid Forged Steel — Hardened Heads
Polished Finish Heads — Oil Finished Handles

38 lbs

Diameter of hole, inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
Length over all, inches	$12\frac{1}{4}$	$12\frac{1}{4}$	$12\frac{1}{4}$	$12\frac{1}{4}$	$12\frac{1}{4}$
Diameter of hole, inches	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Length over all, inches	14	14	14	$14\frac{1}{2}$	$14\frac{1}{2}$

Per pound, all sizes $0.40

58 lbs

52

Packed loose

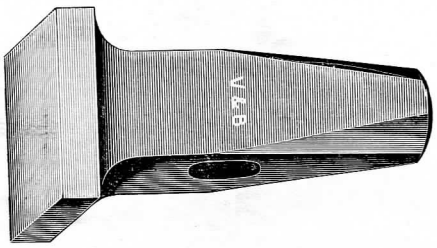
Blacksmiths' Flatters

10¢

Solid Forged Steel — Hardened Faces

Polished Finish Faces — Oil Finished Body

Square Face



Size of face, inches square	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4
Length over all, inches	$4\frac{1}{2}$	5	5	5	$5\frac{1}{2}$	$5\frac{1}{2}$	$5\frac{1}{2}$	6	6

Per pound, all sizes $0.40

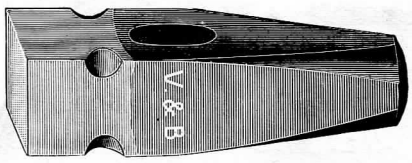
29¼ 32¢ 40½ 46½ 54¾ 69 75 80¼ 90 lbs

Blacksmiths' Set Hammers

Solid Forged Steel — Hardened Faces

Polished Finish Faces — Oil Finished Body

Square Face



Size of face, inches square	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length over all, inches	5	5	5	$5\frac{1}{2}$	$5\frac{1}{2}$	$5\frac{1}{2}$	6

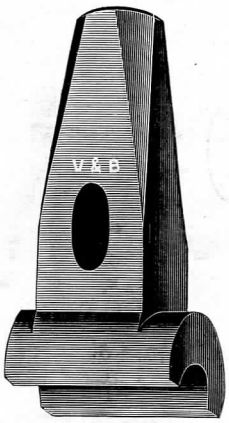
Per pound, all sizes $0.40

15 - 18¾ 24 27¾ 34½ 45¾ 63¾ lbs

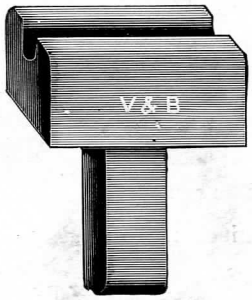
Packed loose

Blacksmiths' Top and Bottom Swages

Solid Forged Steel Oil Finished



Top



Bottom

TOP SWAGES

Average length 5 to $6\frac{1}{2}$ inches

Size, inches,	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$	4

Per pound, all sizes..... $0.40

BOTTOM SWAGES

Shanks to fit one inch hole in anvil

Average length, 4 to $5\frac{1}{2}$ inches

Size, inches,	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$	4

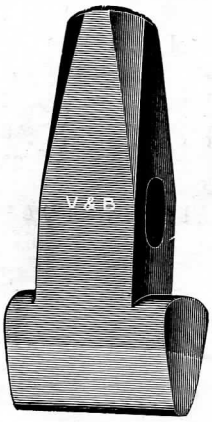
Per pound, all sizes..... $0.40

Packed loose

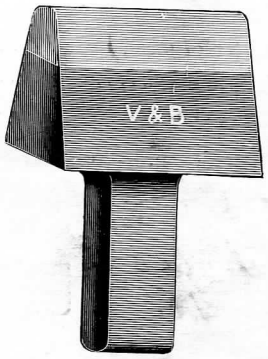
Blacksmiths' Top and Bottom Fullers

Solid Forged Steel — Hardened Faces

Polished Finish Faces — Oil Finished Body



Top



Bottom

TOP FULLERS

Average length, $5\frac{1}{2}$ to 7 inches

Size, inches,	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$	3

Per pound, all sizes $0.40

BOTTOM FULLERS

Shanks to fit one inch hole in anvil

Average length, 4 to 5 inches

Size, inches,	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$	3

Per pound, all sizes..... $0.40

Packed loose

Hand Cold Chisels

Oil Tempered Polished Finish Head and Bevel

Natural Finish Body

Highest Grade

No. 60.—Forged from Jessop's English Octagon Tool Steel

Diameter of steel, inches.	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Length, inches.	$5\frac{1}{4}$	$5\frac{1}{4}$	$5\frac{3}{4}$	6	$6\frac{5}{8}$	$7\frac{1}{2}$	$7\frac{3}{4}$	8
Weight per dozen about, lbs. . .	1	$1\frac{1}{2}$	$2\frac{1}{4}$	4	7	11	15	20

Per dozen, sizes under $\frac{1}{2}$-inch, $3.00; per pound, $\frac{1}{2}$-inch, and larger, $0.50

Extra Quality

No. 45—Forged from Extra Warranted Octagon Steel

Diameter of steel, inches.	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Length, inches.	$5\frac{1}{4}$	$5\frac{1}{4}$	$5\frac{3}{4}$	6	$6\frac{5}{8}$	$7\frac{1}{2}$	$7\frac{3}{4}$	8
Weight per dozen about, lbs. . .	1	$1\frac{1}{2}$	$2\frac{1}{4}$	4	7	11	15	20

Per dozen, sizes under $\frac{1}{2}$-inch, $2.50; per pound, $\frac{1}{2}$-inch, and larger, $0.40

Common Grade

No. 40—Forged from Solid Octagon Steel

Diameter of steel, inches.	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Length, inches.	$5\frac{1}{4}$	$5\frac{1}{4}$	$5\frac{3}{4}$	6	$6\frac{5}{8}$	$7\frac{1}{2}$	$7\frac{3}{4}$	8
Weight per dozen about, lbs. . .	1	$1\frac{1}{2}$	$2\frac{1}{4}$	4	7	11	15	20

Per dozen, sizes under $\frac{1}{2}$-inch, $2.00; per pound, $\frac{1}{2}$-inch, and larger, $0.30

No. 40 CHISELS WILL BE FURNISHED UNLESS OTHERWISE SPECIFIED

Sizes under $\frac{1}{2}$-inch, one dozen in a cardboard box

Sizes $\frac{1}{2}$-inch and larger, one-half dozen in a cardboard box

Machinists' Chisels

Oil Tempered Polished Finish Head and Bevel

Natural Finish Body

CAPE CHISELS

No. 70—Forged from Jessop's English Octagon Tool Steel

No. 50—Forged from Extra Warranted Octagon Steel

WHEN ORDERING, SPECIFY SIZE OF CUTTING EDGE

Cutting edge, inches	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Diameter of steel, inches	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{7}{8}$
Length, inches	$5\frac{1}{2}$	6	7	7	7	$7\frac{1}{2}$	$7\frac{1}{2}$	$7\frac{1}{2}$
Weight per dozen about, lbs	3	$3\frac{1}{4}$	6	$6\frac{1}{4}$	$6\frac{1}{4}$	$9\frac{1}{2}$	$9\frac{1}{2}$	$10\frac{1}{4}$

No. 70—Per pound, all sizes, $0.60 No. 50—Per pound, all sizes, $0.50

DIAMOND POINT CHISELS

No. 75—Forged from Jessop's English Octagon Tool Steel

No. 55—Forged from Extra Warranted Octagon Steel

WHEN ORDERING, SPECIFY SIZE OF POINT

Size of point, inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$
Diameter of steel, inches	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Length, inches	$7\frac{1}{4}$	$7\frac{1}{4}$	$7\frac{3}{4}$	8
Weight per dozen about, lbs	7	7	11	15

No. 75—Per pound, all sizes, $0.65 No. 55—Per pound, all sizes, $0.55

ROUND NOSE CHISELS

No. 85—Forged from Jessop's English Octagon Tool Steel

No. 65—Forged from Extra Warranted Octagon Steel

WHEN ORDERING, SPECIFY SIZE OF POINT

Size of point, inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$
Diameter of steel, inches	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$
Length, inches	$6\frac{3}{4}$	7	7	$7\frac{1}{4}$
Weight per dozen about, lbs	$5\frac{1}{4}$	6	6	$9\frac{1}{2}$

No. 85—Per pound, all sizes, $0.65 No. 65—Per pound, all sizes, $0.55

One-half dozen in a cardboard box

Long Brick Chisels

Solid Forged Steel — Oil Tempered

Polished Finish Head and Bevel — Natural Finish Body

For digging through brick walls

Number	12	14	16	18	20
Length, inches	12	14	16	18	20
Diameter octagon steel, inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$
Weight per dozen about, lbs	9	15	17	$28\frac{1}{2}$	$31\frac{1}{2}$

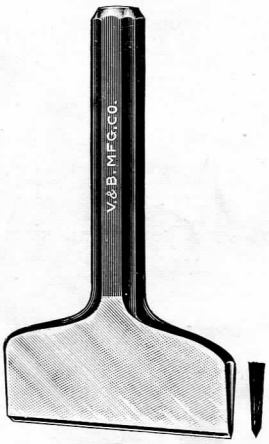
Per pound, all sizes $0.30

Bricklayers' Chisels and Sets

Solid Forged Steel — Oil Tempered

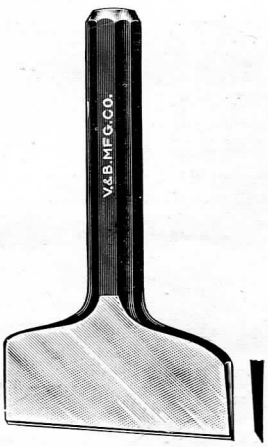
Polished Finish Head and Blade — Natural Finish Body

Double Bevel — Single Bevel



CHISELS

70 70



SETS

	Chisels			Sets		
Width of blade, inches	$3\frac{1}{2}$	4	$4\frac{1}{2}$	$3\frac{1}{2}$	4	$4\frac{1}{2}$
Diameter octagon body, inches	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$
Length over all, inches	$6\frac{3}{4}$	7	$7\frac{1}{4}$	$6\frac{3}{4}$	7	$7\frac{1}{4}$
Weight per dozen about, lbs	12	$13\frac{1}{2}$	15	12	$13\frac{1}{2}$	15
Per dozen	$9.60	$10.80	$12.00	$9.60	$10.80	$12.00

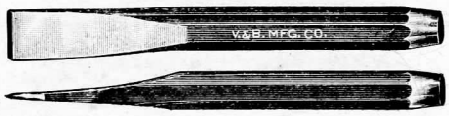
Packed loose

VAUGHAN & BUSHNELL MFG. CO.

Additions to Our Line of High Grade Tools

SPRING TAPER COLD CHISELS

Extra Quality **Oil Tempered** **Polished Head and Bevel**



No. 50—Forged from Extra Warranted Octagon Steel.

Diameter of Steel, inches	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1
Length, inches	5 1/4	5 1/4	5 3/4	6	6 5/8	7 1/2	7 3/4	8

The life of this chisel is much longer than other patterns owing to the shape of the taper.

STAR DRILLS

Size	1/4"	5/16	3/8"	7/16	1/2"	9/16	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"
8 & 12"													
18"													
24"													

Size	1 3/4"	2"
8 & 12		
18"		
24"		

PLUGGING CHISELS

Solid Forged Steel **Oil Tempered**

Size of Point, inches	3/16	1/4	5/16
Diameter of Steel, inches	1/2	5/8	3/4
Length, inches	8	9	10

~~WOOD CHISELS OR~~ PLUMBERS' CHISELS

Solid Forged Steel **Oil Tempered** **Polished Flat Part and Bevel**

Cutting Edge, inches	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2
Length Over All, inches	9 1/2	9 3/4	10	11	11	11 1/2	11 1/2

WOOD GOUGES OR PLUMBERS' GOUGES

Solid Forged Steel **Oil Tempered** **Polished Round Part and Bevel**

Cutting Edge, inches	1/2	3/4	1
Length Over All, inches	9 1/2	10	11

Please faste

Carpenters' Wrecking Bars

Solid Forged Steel — Oil Tempered

Polished Finish Claw and Chisel — Natural Finish Body

Gooseneck Pattern

Number	20	24	30
Length, inches	20	4	30
Diameter octagon steel, inches	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$
Weight per dozen about, lbs	30	42	51

Please Fasten on Page 55—1910 catalogue

Carpenters' Wrecking Bars

Solid Forged Steel — Natural Finish Body — Oil Tempered

Designed for light work and can be carried in Carpenters' Tool Box

Gooseneck Pattern

Number 12. 12 inches long, ½ inch Octagon Steel ..... Per dozen $8.00

Carpenters' Wrecking Chisels

Solid Forged Steel — Natural Finish Body — Oil Tempered

Number 14. 14 inches long, ¾ inch Octagon Steel, 1⅜ Bit... Per dozen $9.00

Packed Loose

Straight Pattern

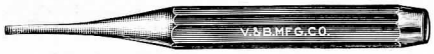
Number	220	224	230
Length, inches	20	24	30
Diameter octagon steel, inches	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$
Weight per dozen about, lbs	23	32	41
Per dozen	$10.00	$11.00	$12.00

Packed loose

Machine Punches

Extra Warranted Forged Steel — Oil Tempered
Polished Finish Head and Taper — Natural Finish Body

Made with special taper, forged straight, to allow clearance.



Extra quality

Number	11	12	13	14	15	16
Diameter of point, inches	8-32	7-32	6-32	5-32	4-32	3-32
Diameter octagon steel, inches	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
Length, inches	6	6	6	6	6	6

Weight per dozen, all sizes about, $3\frac{1}{4}$ pounds. Per pound, all sizes....$0.40

Large sizes designed for heavy work

Extra quality

Number	80	90	100
Diameter of point, inches	3-16	7-32	1-4
Diameter octagon steel, inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Length, inches	8	9	10
Weight per dozen about, lbs	$4\frac{1}{2}$	$7\frac{1}{4}$	$12\frac{1}{4}$
Per pound, all sizes	$0.40		

Machine Punches

Solid Forged Steel — Oil Tempered
Polished Point — Natural Finish Body

Common Grade

Number	00	0	1	2	3	4	5	6
Diameter of point, inches	10-32	9-32	8-32	7-32	6-32	5-32	4-32	3-32
Diameter octagon steel, inches	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
Length, inches	6	6	6	6	6	6	6	6

Weight per dozen, all sizes, about $3\frac{3}{4}$ pounds. Per pound, all sizes....$0.30

One-half dozen in a cardboard box

Prick and Center Punches

Extra Warranted Forged Steel
Polished Finish Head and Taper

Oil Tempered
Natural Finish Body

Prick Punch

Center Punch

Extra Quality

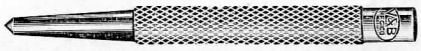
	Prick	Center
Number	45	45
Diameter octagon steel, inches	$\frac{3}{8}$	$\frac{3}{8}$
Length, inches	$4\frac{3}{4}$	$4\frac{3}{4}$
Weight per dozen about, lbs	$1\frac{3}{4}$	$1\frac{3}{4}$
Per dozen	$2.00	$2.00

Knurled Prick and Center Punches

Extra Warranted Steel
Polished Head and Taper

Oil Tempered
Knurled Body

Prick Punch



Center Punch

	Prick	Center
Number	50	50
Diameter Octagon Steel, inches	$\frac{3}{8}$	$\frac{3}{8}$
Length, inches	4	4
Weight per dozen about, lbs	$1\frac{1}{8}$	$1\frac{1}{8}$
Per dozen	$2.00	$2.00

Packed one dozen in a cardboard box

Please Fasten on Page 57—1910 catalogue

Weight per dozen about, lbs	$1\frac{1}{2}$	$1\frac{1}{2}$
Per dozen	$1.25	$1.25

No. 40 punches will be furnished unless otherwise specified

One dozen in a cardboard box

V. & B. Handy Wrenches

Extra Warranted Steel

Milled Teeth

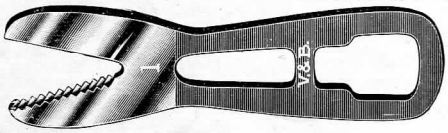
Oil Tempered

Natural Finish Body

Blued and Polished Jaws

No. 0

With screw driver end, bit 5-16 inch



No. 1

Number	0	1
Holds pipe, inches	$\frac{1}{8}$ to $\frac{1}{4}$	$\frac{1}{8}$ to $\frac{3}{8}$
Holds round iron, inches	$\frac{1}{4}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{3}{4}$
Length, inches	4	$5\frac{1}{2}$
Weight per dozen about, lbs	$1\frac{1}{2}$	$3\frac{3}{4}$
Per dozen	\$3.00	\$4.00

One dozen in a cardboard box

TRADE MARK

TRADE MARK

Kingsteel

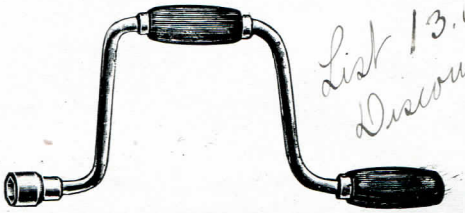
THE FINEST OF STEEL

Automobile Socket Brace

DROP FORGED SOCKET

List 13.00
Discount 10-10%

COCOBOLO HANDLES



NICKEL PLATED

10 INCH SWEEP

A High-Grade Tool with Sufficient Leverage.

Sizes for all Demountable Rim Nuts.

Saves Time and Labor.

WILL KEEP NUTS TIGHT AND SECURE.

No Malleable Socket to Break.

No. 11. For $\frac{11}{16}$ Nuts used on Fisk and Firestone Rims-~~$24.00 doz.~~

No. 12. For $\frac{3}{4}$ " " " Continental and Lambert Rims - - - - ~~24.00~~ "

No. 13. For $\frac{13}{16}$ " " " Universal and other Rims ~~24.00~~ "

AN ATTRACTIVE DISPLAY CARD FURNISHED WITH EVERY ORDER.

IF YOU ARE CATERING TO HIGH-GRADE AUTOMOBILE SUPPLY TRADE, YOU CAN SELL THIS TOOL.

Vaughan & Bushnell Mfg. Co.

MAKERS

Chicago, Ill., U. S, A.

V. & B. Handy Wrenches

Extra Warranted Steel

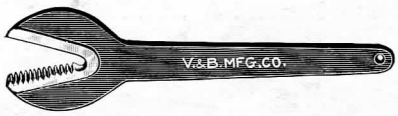
Milled Teeth

Natural Finish Body

Drop Forged

Oil Tempered

Polished Finish Ribs on Jaws



Number	2	3	4	5
Holds pipe, inches	$\frac{3}{8}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $1\frac{1}{4}$	$1\frac{1}{4}$ to 2	2 to 3
Holds round iron, inches	$\frac{1}{2}$ to 1	$\frac{3}{4}$ to $1\frac{3}{8}$	$1\frac{1}{2}$ to $2\frac{1}{2}$	$2\frac{1}{4}$ to $3\frac{1}{2}$
Length, inches	9	15	22	28
Weight per dozen about, lbs	12	40	80	175
Per dozen	$12.00	$24.00	$36.00	$60.00

No. 2—One dozen in a cardboard box

Nos. 3 and 4—One dozen in a wooden case

No. 5—One-half dozen in a wooden case

Twin Pattern

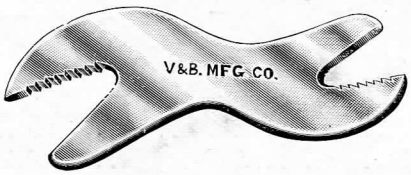
Number	14
Holds pipe, inches	$\frac{1}{8}$ to $\frac{3}{4}$
Holds round iron, inches	$\frac{1}{4}$ to 1
Length, inches	10
Weight per dozen about, lbs	14
Per dozen	$18.00

One-half dozen in a cardboard box

Always Ready Wrenches

Extra Warranted Steel — Drop Forged

Milled Teeth — Oil Tempered



Nickel Plated Finish

Number	1	2	$2\frac{1}{2}$	3
Holds nuts or pipe, inches	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{4}$ to $1\frac{1}{4}$	$\frac{1}{4}$ to $1\frac{3}{4}$	$\frac{3}{4}$ to $1\frac{3}{4}$
Length, inches	5	7	9	11
Weight per dozen about, lbs	6	12	24	34
Per dozen	$5.00	$6.75	$10.50	$16.00

Polished Finish Ribs on Jaws — Natural Finish Chased Body

Number	101	102
Holds nuts or pipe, inches	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{4}$ to $1\frac{1}{4}$
Length, inches	5	7
Weight per dozen about, lbs	$5\frac{3}{4}$	12
Per dozen	$4.60	$6.30

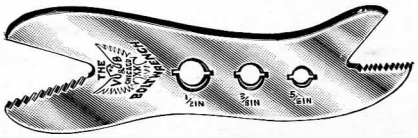
One-half dozen in a cardboard box

V. & B. Eagle Bolt Wrenches

Extra Warranted Steel Milled Teeth Oil Tempered

Designed especially for use on bolts

Will re-thread bolts $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$ inch



Number	100	200
Finish	Nickel Plated	Hand-made
Holds round iron, inches	$\frac{1}{4}$ to $\frac{7}{8}$	$\frac{1}{4}$ to $\frac{7}{8}$
Length, inches	6	6
Weight per dozen about, lbs	$4\frac{1}{4}$	$4\frac{1}{4}$
Per dozen	$7.50	$5.50

One dozen in a cardboard box

V. & B. Self-Adjusting Grip Wrenches

Extra Warranted Steel Drop Forged Oil Tempered

Polished Finish Jaws Natural Finish Handles

Patented December 6, 1898

Works on Pipe, Hexagon or Square Nuts

Number	10	14	18	24
Holds pipe, inches	$\frac{1}{8}$ to 1	$\frac{1}{4}$ to $1\frac{1}{2}$	$\frac{3}{8}$ to 2	$\frac{1}{2}$ to $2\frac{1}{2}$
Length, inches	10	14	18	24
Weight each about, lbs	$1\frac{1}{4}$	$2\frac{1}{2}$	$4\frac{1}{2}$	7
Each	$2.25	$3.00	$4.00	$6.00

No. 10 and 14—One-half dozen in a cardboard box

Nos. 18 and 24—Packed loose

EXTRA PARTS FOR V. & B. GRIP WRENCHES

Number	10	14	18	24
Extra Jaws and Rivet, each	$0.75	$1.00	$1.33	$2.00
Extra handles, each	1.50	2.00	2.67	4.00

Box Chisels

Solid Forged Steel — Oil Tempered Claws

Full Polished Finish — Head Painted Black

50%

Number	1	2
Length, inches	12	14
Size of body, inches	$\frac{9}{16}$x$\frac{15}{16}$	$\frac{9}{16}$x$\frac{15}{16}$
Weight per dozen about, lbs	$21\frac{1}{2}$	$25\frac{1}{2}$
Per dozen	$8.00	$8.75

Box Chisels

Solid Forged Steel — Oil Tempered Claws

Polished Finish Claws — Body Painted Black

50%

Number	5	6
Length, inches	12	14
Diameter of body, inches	$\frac{3}{4}$	$\frac{3}{4}$
Weight per dozen about, lbs	$18\frac{1}{2}$	$21\frac{1}{2}$
Per dozen	$5.00	$5.50

One-half dozen in a cardboard box

Crate Openers

Extra Warranted Steel — Drop Forged
Checkered Faces — Magnetized Claws
Oil Tempered Heads and Claws

Drop forged in one piece, therefore the head cannot become loose

Curved Claw

Number	11	12
Finish	Full Polished	Nickel Plated
Length of head, inches	2¼	2¼
Length over all, inches	7½	7½
Weight per dozen about, lbs.	10½	10½
Per dozen	$8.30	$9.40

One-half dozen in a cardboard box

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Length of head, inches	2¾	2¾
Length over all, inches	9	9
Weight per dozen about, lbs	12¼	12¼
Per dozen	$9.00	$10.00

One dozen in a cardboard box

Bench Stops

Solid Forged Steel — Oil Tempered Faces

Spring Tempered Springs — Checkered Faces

Designed for Carvers and Cabinet Makers

50%

German Pattern

Number	1	2
Finish	Full Polished	Painted Black
Body, inches square	⅞	⅞
Length under head, inches	7½	7½
Length over all, inches	8½	8½
Weight per dozen pair about, lbs	43½	43½
Per dozen pair	$15.00	$13.00

One-half dozen pair in a cardboard box

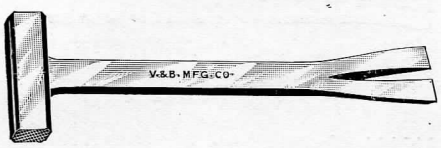
Crate Openers

Extra Warranted Steel — Drop Forged

Checkered Faces — Magnetized Claws

Oil Tempered Heads and Claws

Drop forged in one piece, therefore the head cannot become loose



Number	13	14
Finish	Full Polished	Nickel Plated
Length of head, inches	$2\frac{3}{4}$	$2\frac{3}{4}$
Length over all, inches	9	9
Weight per dozen about, lbs	$12\frac{1}{4}$	$12\frac{1}{4}$
Per dozen	$9.00	$10.00

50-10%

One dozen in a cardboard box

Bench Stops

Solid Forged Steel — Oil Tempered Faces

Spring Tempered Springs — Checkered Faces

Designed for Carvers and Cabinet Makers

50%

German Pattern

Number	1	2
Finish	Full Polished	Painted Black
Body, inches square	$\frac{7}{8}$	$\frac{7}{8}$
Length under head, inches	$7\frac{1}{2}$	$7\frac{1}{2}$
Length over all, inches	$8\frac{1}{2}$	$8\frac{1}{2}$
Weight per dozen pair about, lbs	$43\frac{1}{2}$	$43\frac{1}{2}$
Per dozen pair	$15.00	$13.00

One-half dozen pair in a cardboard box

Nail Sets

Extra Warranted Forged Steel
Cup Points

Oil Tempered
Polished Finish Taper and Heads

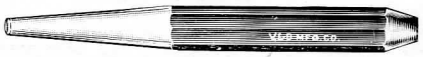
Carpenters' Pattern
Designed for light work

Chased Natural Finish Body
Made with points 2-32, 3-32, 4-32 inches

Number	10
Diameter octagon steel, inches	$\frac{5}{16}$
Length, inches	$3\frac{3}{4}$
Weight per dozen about, lbs	1
Per dozen	$1.00

One dozen assorted in a cardboard box

Carpenters' Pattern
Designed for heavy work

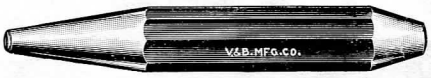


Natural Finish Body

Number	15
Size of cup point, inches	$\frac{3}{32}$
Diameter octagon steel, inches	$\frac{3}{8}$
Length, inches	$4\frac{1}{2}$
Weight per dozen about, lbs	2
Per dozen	$2.00

One dozen in a cardboard box

Car Builders' Pattern
Designed for extra heavy work



Natural Finish Body

Number	20
Size of cup point, inches	$\frac{1}{4}$
Diameter octagon steel, inches	$\frac{3}{4}$
Length, inches	5
Weight per dozen about, lbs	$5\frac{3}{4}$
Per dozen	$3.00

One-half dozen in a cardboard box

Screw Driver Bits

Extra Warranted Steel — Drop Forged — Oil Tempered

Beveled Points — Blued and Polished Finish

Designed for heavy work

Made with bits $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$ inches wide

Number	30
Length over all, inches	$4\frac{1}{2}$ to 5
Weight per dozen about, lbs	$1\frac{1}{2}$
Per dozen	$3.00

One dozen assorted in a cardboard box

Designed for light work

Made with bits $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ inches wide

Number	20
Length over all, inches	$4\frac{5}{8}$
Weight per dozen about, lbs	$1\frac{1}{8}$
Per dozen	$1.50

One dozen assorted in a cardboard box

Double Pattern

Heavy bit $\frac{5}{16}$-inch, and light bit $\frac{1}{4}$-inch

Number	10
Length over all, inches	5
Weight per dozen about, lbs	$1\frac{1}{2}$
Per dozen	$4.00

One dozen in a cardboard box

Screw Driver Bits

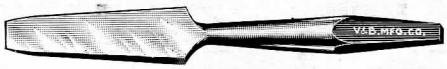
Extra Warranted Steel — Drop Forged

Oil Tempered

Blued and Polished Finish

Number	5
Width of bit, inches	$\frac{3}{8}$
Length over all, inches	$3\frac{3}{4}$
Weight per dozen about, lbs	1
Per dozen	$3.00

Polished Finish Body



Number	1
Width of bit, inches	$\frac{5}{16}$
Length over all, inches	$4\frac{1}{2}$
Weight per dozen about, lbs	$1\frac{1}{8}$
Per dozen	$1.00

Natural Finish with Polished Bit

Number	2
Width of bit, inches	$\frac{3}{8}$
Length over all, inches	$4\frac{5}{8}$
Weight per dozen about, lbs	$1\frac{1}{2}$
Per dozen	$1.00

One dozen in a cardboard box

Countersink Bits

Drop Forged Oil Tempered

Polished Finish

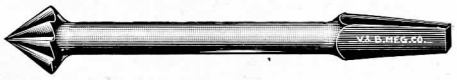
Designed for use on iron

Flat Pattern

No. 13—Forged from Extra Warranted Steel
No. 3—Forged from Solid Steel

Number	13	3
Countersinks holes up to, inches	$\frac{3}{4}$	$\frac{9}{16}$
Length over all, inches	$4\frac{1}{2}$	$3\frac{3}{4}$
Weight per dozen about, lbs	$1\frac{3}{8}$	1
Per dozen	$3.00	$1.25

Designed for use on brass

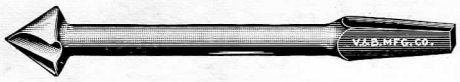


Rose Pattern

No. 14—Forged from Extra Warranted Steel
No. 4—Forged from Solid Steel

Number	14	4
Countersinks holes up to, inches	$\frac{3}{4}$	$\frac{9}{16}$
Length over all, inches	$4\frac{1}{2}$	$3\frac{3}{4}$
Weight per dozen about, lbs	$1\frac{1}{2}$	$1\frac{1}{8}$
Per dozen	$3.00	$1.25

Designed for use on wood



Snail Pattern

No. 15—Forged from Extra Warranted Steel
No. 5—Forged from Solid Steel

Number	15	5
Countersinks holes up to, inches	$\frac{3}{4}$	$\frac{9}{16}$
Length over all, inches	$4\frac{1}{2}$	$3\frac{3}{4}$
Weight per dozen about, lbs	$1\frac{1}{2}$	$1\frac{1}{8}$
Per dozen	$3.00	$1.25

One dozen in a cardboard box

Please Fasten on Page 69—1910 catalogue

New Pattern Reamer Bits

Extra Warranted Steel
Oil Tempered

Drop Forged
Polished Finish

Square Pattern No. 80

Octagon Pattern No. 100

The four sides of Number 80 Pattern are hollow ground, thereby giving clearance to the cutting edges

Number	80	100
Reams Holes up to, inches	5/8	9/16
Length over all, inches	6	6
Weight per dozen about, lbs	2	2
Per dozen	$3.75	$4.00

Packed One dozen in a cardboard box

The four sides of this Reamer Bit are hollow ground, thereby giving clearance to the cutting edges

Number	80
Reams holes up to, inches	5/8
Length over all, inches	6
Weight per dozen about, lbs	2
Per dozen	$3.75

Octagon Pattern

Number	100
Reams holes up to, inches	9/16
Length over all, inches	6
Weight per dozen about, lbs	2
Per dozen	$4.00

One dozen in a cardboard box

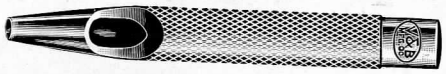
Belt Punches

Drop Forged

Vaughan & Bushnell Mfg. Co.

KNURLED BELT PUNCHES

Extra Warranted Steel. Oil Tempered. Knurled and Polishe



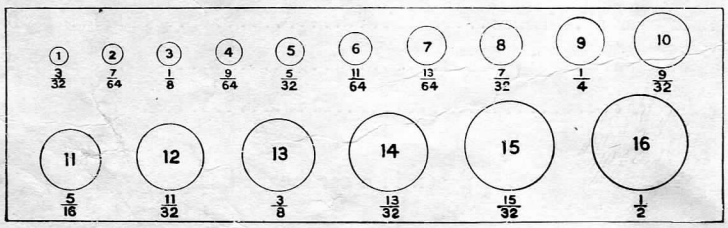
The pipe is closed in so that it will not stick to the belting.
The hole is reamed out to give perfect clearance for wads.

Number	101	102	103	104	105	106	107	108	109	110	111	112	113	1
Length, inches	3⅞	3⅞	3⅞	3⅞	3⅞	4⅛	4⅛	4⅛	4⅛	4⅜	4⅜	4⅜	4⅜	4
Diam. of Steel, inches	5/16	5/16	5/16	⅜	⅜	7/16	7/16	½	½	9/16	9/16	9/16	⅝	
Weight per doz., lbs.	1⅛	1⅛	1⅛	1½	1½	2¼	2¼	3	3	4	4	4	5	5
Per dozen	$3.00	$3.00	$3.00	$3.20	$3.20	$3.60	$3.60	$4.20	$4.20	$5.00	$5.00	$5.00	$6.00	$6.0

Designed especially for use on belting running in the open.
The most serviceable and economical for all classes of work.

Per dozen	$2.00	$2.00	$2.00	$2.00	[illegible]	[illegible]	[illegible]	[illegible]
Number	9	10	11	12	13	14	15	16
Length, inches	4⅜	4⅜	4½	4½	4¾	4¾	5	5
Weight per dozen about, lbs	1½	1½	2	2	2½	2½	3¼	3¼
Per dozen	$2.25	$3.25	$3.25	$3.25	$5.25	$5.25	$5.50	$5.50

Diagram showing sizes



One dozen in a cardboard box

Rivet Sets and Headers

Extra Warranted Steel — Drop Forged — Oil Tempered

Polished Finish Face and Head — Body Hand-made Finish

TINNERS' PATTERN

Number	00	0	1	2	3
For iron rivets, lbs.	14	12 and 10	8	6	5 and 4
For copper rivets, Nos.		5	6	7	8
Length, inches	$5\frac{1}{2}$	$5\frac{1}{2}$	5	5	$4\frac{1}{2}$
Weight per dozen about, lbs	$10\frac{1}{2}$	$10\frac{1}{2}$	7	7	5
Per dozen	$9.00	$9.00	$7.56	$7.56	$6.00

Number	4	5	6	7	8
For iron rivets, lbs.	3 and $2\frac{1}{2}$	2 and $1\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{1}{4}$	12 and 10 oz.
For copper rivets, Nos.	9	10 and 11	12	13	14
Length, inches	$4\frac{1}{2}$	$4\frac{1}{4}$	$4\frac{1}{4}$	$4\frac{1}{4}$	$4\frac{1}{4}$
Weight per dozen about, lbs.	5	$3\frac{1}{2}$	$3\frac{1}{2}$	3	3
Per dozen	$6.00	$4.44	$4.44	$3.84	$3.84

Solid Forged Steel — Oil Tempered

Polished Finish Face — Natural Finish Body

FARMERS' PATTERN

Number	7	8	9	10
For copper rivets, Nos.	7	8	9	10 and 11
Length, inches	5	5	5	5
Weight per dozen about, lbs	5	5	5	5
Per dozen	$5.00	$5.00	$5.00	$5.00

One-half dozen in a cardboard box

Tinners' Hollow Punches

Extra Warranted Steel — Drop Forged — Oil Tempered
Polished Finish Barrels — Natural Finish Body

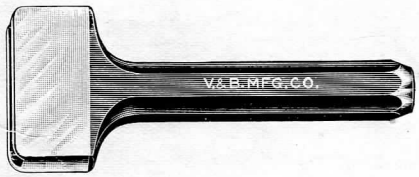
Size, inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$
Length over all, inches	5	5	5	5	5	5	$5\frac{1}{2}$	$5\frac{1}{2}$
Weight per dozen about, lbs	2	2	3	$4\frac{3}{4}$	6	$8\frac{1}{2}$	$9\frac{1}{2}$	$15\frac{1}{2}$
Size, inches		$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Length over all, inches		6	6	6	6	6	7	7
Weight per dozen about, lbs		24	28	33	37	38	52	52

Per inch, all sizes..... $1.00

$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$-inch—One dozen in a cardboard box
$\frac{5}{8}$ to 1-inch—One-half dozen in a cardboard box
$1\frac{1}{4}$ to 2-inch—One quarter dozen in a cardboard box
$2\frac{1}{4}$ to 3-inch—One only, in a cardboard box

Tinners' Hand Groovers

Extra Warranted Steel — Drop Forged — Oil Tempered
Polished Finish Faces — Natural Finish Body



Number	00	0	1	2	3	4	5	6
Width of groove, inches	1-2	7-16	13-32 ~~3-8~~	3-8 ~~5-16~~	5-16 ~~1-4~~	1-4 ~~7-32~~	3-16 ~~6-32~~	5-32
Length over all, inches	6	6	$5\frac{1}{2}$	$5\frac{1}{2}$	5	5	5	5
Weight per dozen about, lbs	15	15	$11\frac{1}{4}$	$11\frac{1}{4}$	8	8	8	8
Per dozen	$9.00	$9.00	$7.56	$7.56	$6.00	$6.00	$4.44	$4.44

One-half dozen in a cardboard box

Tinners' Solid Punches

Extra Warranted Forged Steel — Oil Tempered
Polished Finish Taper — Natural Finish Body

Number	00	0	1	2	3
Diameter of point, inches	10-32	9-32	8-32	7-32	6-32
For iron rivets, lbs.	14	12	10	8	6
Size of square body, inches	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{5}{16}$
Length, inches	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$
Weight per dozen about, lbs	2	2	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$

Number	4	5	6	7	8
Diameter of point, inches	5-32	4-32	3-32	2-32	3-64
For iron rivets, lbs.	4	2	1	$\frac{3}{4}$	$\frac{1}{2}$
Size of square body, inches	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{1}{4}$	$\frac{1}{4}$
Length, inches	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$
Weight per dozen about, lbs	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$\frac{3}{4}$	$\frac{3}{4}$

Per dozen, all sizes..... $1.00

Tinners' Scratch Awls

Solid Forged Steel — Oil Tempered Points
Polished Finish Points — Natural Finish Body

Number	1
Length over all, inches	$6\frac{1}{2}$
Weight per dozen about, lbs	$1\frac{1}{8}$
Per dozen	$1.25

One dozen in a cardboard box

Box Scrapers

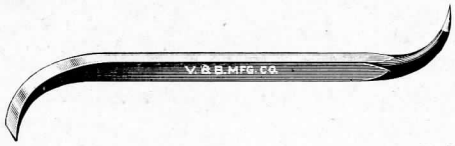
Extra Warranted Forged Steel — Oil Tempered

Polished Finish Blades — Heavy Steel Ferrules

Rosewood Finish Hickory Handles

Shanks extend into handles half way and are secured by rivet passing through handle and shank

Cotter Pin Lifter



Drop Forged — Oil Tempered — Polished Ends

Number 6. Length over all, 6 inches. Made of 5/16-in. Square Steel. Per doz.... ~~$3.00~~

Packed One-half dozen in a cardboard box

Three-Cornered Scraper

Drop Forged — Oil Tempered — Full Polished

Hollow Ground — Steel Ferrule — Rosewood Finish Handles

Number 7. Length over all, 7¾ inches; length of Blade, 3½ inches. Per doz.... ~~$5.00~~

Packed One-half dozen in a cardboard box

Number	6
Width of cutting edges, inches	2¾
Length of handle, inches	7½
Length over all, inches	12
Weight per dozen about, lbs	8½
Per dozen	$6.00

One-half dozen in a cardboard box

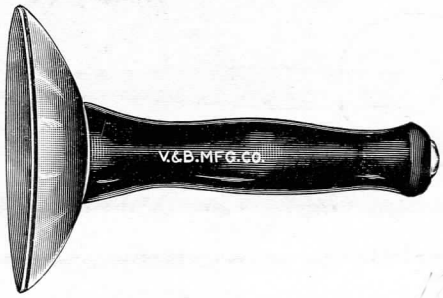
Extra blades, per dozen $2.50

Please Fasten on Page 56—1910 catalogue

Hog Scrapers

Sheet Steel No. 18 Gauge — Natural Finish Blades
Edges Ground — Black Finish Hardwood Handles
Blade secured by bolt through handle

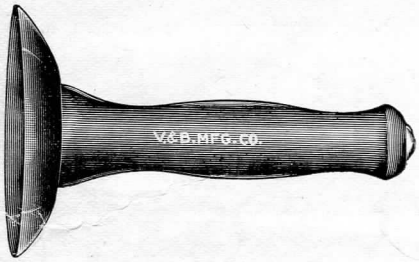
These scrapers are used by all the large packing houses



Number	4	6
Diameter of blade, inches	4	$4\frac{1}{2}$
Length of handle, inches	$5\frac{1}{2}$	$5\frac{1}{2}$
Length over all, inches	$6\frac{3}{4}$	$6\frac{3}{4}$
Weight per dozen about, lbs	6	7
Per gross	$48.00	$60.00

Sheet Iron No. 20 Gauge — Natural Finish Blades
Natural Finish Hardwood Handles
Blade secured by bolt through handle

This scraper is designed for Farmers' use



Number	8
Diameter of blade, inches	4
Length of handle, inches	$5\frac{1}{2}$
Length over all, inches	$6\frac{1}{2}$
Weight per dozen about, lbs	$5\frac{1}{2}$
Per gross	$18.00

One-half dozen in a cardboard box

Oyster Knives

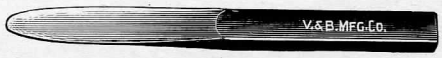
Please Fasten on Page 77—1910 catalogue

New Style Oyster Knives

(Wood handle pattern discontinued)

Extra Warranted Forged Steel Oil Tempered Polished Finish Blades

Handle End ¾ x ⅜ inches



Forged in One Piece

Number	5
Size of blade, inches long	3¾
Size of blade, inches wide	¾
Length over all, inches	8¼
Weight per dozen about, lbs.	6
Per dozen	$5.00

One-half dozen in a cardboard box

Weight per dozen about, lbs	[illegible]
Per dozen	$5.00

One-half dozen in a cardboard box

Butchers' Block Pins

Solid Forged Steel With Rounding Head

Number	1	2
Finish	Polished	Tinned
Length over all, inches	18	18
Diameter of steel, inches	½	½
Weight per dozen about, lbs	9	9¼
Per dozen	$10.00	$8.00

Without Head

Tinned Finish

Number	3	4	5	6
Length over all, inches	17	16	14	12
Diameter of steel, inches	½	⅜	⅜	⅜
Weight per dozen about, lbs	8¼	6¼	5¾	5¼
Per dozen	$5.50	$4.00	$3.80	$3.60

One-half dozen in a paper package

Roast Beef Triers

Extra Warranted Forged Steel — Oil Tempered

Polished Finish — Heavy Steel Ferrules

Rosewood Finish Hickory Handles

Number	200
Size of hole, inches	$\frac{1}{4}$x$\frac{3}{32}$
Diameter of shank, inches	$\frac{1}{4}$
Length under handle, inches	$10\frac{1}{2}$
Length over all, inches	15
Weight per dozen about, lbs	$3\frac{3}{4}$
Per dozen	$12.00

Ham Triers

Extra Warranted Forged Steel — Oil Tempered

Polished Finish — Heavy Steel Ferrules

Rosewood Finish Hickory Handles

Western Pattern

No. 1

Eastern Pattern

No. 3

Number	1	3
Size of blade, inches	$\frac{5}{32}$x$\frac{9}{32}$	$\frac{1}{8}$x$\frac{3}{8}$
Length under handle, inches	$7\frac{1}{2}$	$7\frac{1}{2}$
Length over all, inches	12	12
Weight per dozen about, lbs	$2\frac{1}{2}$	$2\frac{3}{4}$
Per dozen	$4.25	$4.25

28 eight

One-half dozen in a cardboard box

Ham Stringers

Extra Warranted Forged Steel — Oil Tempered
Polished Finish Blades — Blued Shanks
Steel Ferrule — Rosewood Finish Hickory Handles

Number	1
Size of opening, inches	$\frac{3}{16}$
Diameter of shank, inches	$\frac{1}{4}$
Length under handle, inches	$6\frac{1}{2}$
Length over all, inches	11
Weight per dozen about, lbs	3
Per dozen	$6.00

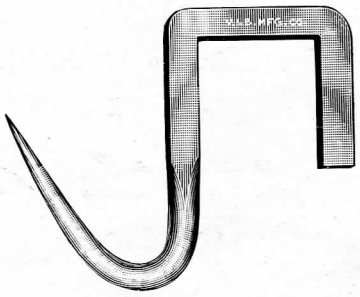
Number	2
Size of opening, inches	$\frac{3}{16}$x$\frac{7}{16}$
Diameter of shank, inches	$\frac{1}{4}$
Length under handle, inches	$6\frac{1}{2}$
Length over all, inches	11
Weight per dozen about, lbs	3
Per dozen	$6.00

Number	3
Diameter of hole, inches	$\frac{5}{16}$
Diameter of shank, inches	$\frac{1}{4}$
Length under handle, inches	$6\frac{1}{2}$
Length over all, inches	11
Weight per dozen about, lbs	3
Per dozen	$6.00

One-half dozen in a cardboard box

Bar Hooks

Solid Steel Forged Points Tinned Finish



NOTE.—Hooks to fit 2-inch bar will be furnished unless other sizes are specified

No. **24**—Made from 5-16-inch square steel

To fit bar, inches	$\frac{1}{2}$	1	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Length, inches	4	4	4	4	4
Hook projects, inches	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$
Weight per dozen about, lbs	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{8}$	$3\frac{1}{4}$

Per gross, all sizes $12.00

No. **26**—Made from 3-8-inch square steel

To fit bar, inches	2
Length, inches	4
Hook projects, inches	$2\frac{1}{2}$
Weight per dozen about, lbs	$4\frac{3}{8}$
Per gross	$15.00

No. **22**—Made from 7-16-inch square steel

To fit bar, inches	$\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Length, inches	$4\frac{3}{4}$	$4\frac{3}{4}$	$4\frac{3}{4}$	$4\frac{3}{4}$	$4\frac{3}{4}$	$4\frac{3}{4}$	$4\frac{3}{4}$	$4\frac{3}{4}$
Hook projects, inches	$2\frac{3}{4}$	$2\frac{3}{4}$	$2\frac{3}{4}$	$2\frac{3}{4}$	3	3	3	3
Weight per dozen about, lbs	$5\frac{3}{4}$	$6\frac{1}{2}$	$6\frac{5}{8}$	$6\frac{3}{4}$	$6\frac{7}{8}$	7	$7\frac{1}{4}$	$7\frac{1}{2}$

Per gross, all sizes $18.00

No. **28**—Made from 1-2-inch square steel

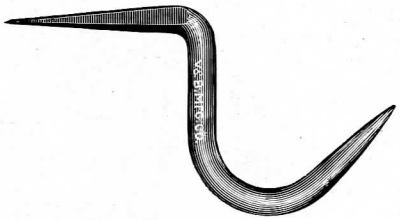
To fit bar, inches	$\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3
Length, inches	5	5	5	5	5	5
Hook projects, inches	3	$3\frac{1}{4}$	$3\frac{1}{4}$	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{1}{2}$
Weight per dozen about, lbs	8	$9\frac{1}{4}$	$9\frac{1}{2}$	$9\frac{3}{4}$	10	$10\frac{1}{4}$

Per gross, all sizes $21.00

One dozen in a cardboard box

Drive Meat Hooks

Solid Steel Forged Points Tinned Finish

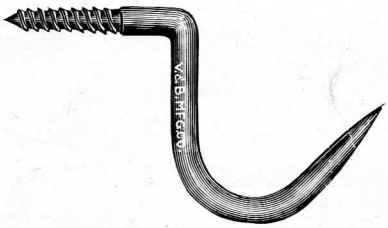


Number	0	1	2	3	4
Diameter of steel, inches	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$
Length of tang, inches	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$
Length of drop over all, inches	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3
Hook projects, inches	$1\frac{5}{8}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$	$2\frac{3}{4}$
Weight per gross about, lbs	$4\frac{1}{4}$	$7\frac{3}{4}$	10	$15\frac{3}{4}$	27
Per gross	$3.00	$3.64	$3.94	$5.20	$6.85

No. 0—One gross in a cardboard box
Nos. 1, 2 and 3—One-half gross in a cardboard box
No. 4—One-quarter gross in a cardboard box

Screw Meat Hooks

Solid Steel Forged Points Tinned Finish
Gimlet Pointed Threads



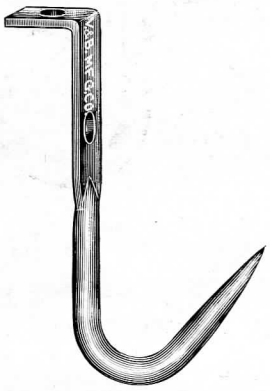
Number	1	2	3	4
Diameter of steel, inches	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$
Length of thread, inches	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{7}{8}$	2
Length of drop over all, inches	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3
Hook projects, inches	$1\frac{3}{4}$	2	$2\frac{1}{2}$	$2\frac{3}{4}$
Weight per gross about, lbs	$7\frac{3}{4}$	10	$15\frac{3}{4}$	27
Per gross	$3.64	$3.94	$5.20	$6.85

Nos. 1, 2 and 3—One-half gross in a cardboard box
No. 4—One-quarter gross in a cardboard box

Quarter Hooks

Solid Steel Forged Points Tinned Finish

To screw on

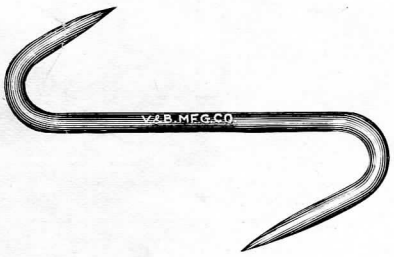


Number	40	41	42	43	44
Diameter of steel, inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
Length, inches	$3\frac{1}{2}$	$3\frac{3}{4}$	$4\frac{1}{2}$	5	$5\frac{1}{4}$
Width of plate, inches	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$
Diameter of screw holes, inches	$\frac{5}{32}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$
Hook projects, inches	$1\frac{5}{8}$	2	2	$2\frac{1}{2}$	$2\frac{1}{2}$
Weight per gross about, lbs	$9\frac{1}{2}$	$15\frac{1}{2}$	24	38	53
Per gross	$5.00	$6.00	$8.00	$10.00	$12.00

Nos. 40, 41 and 42—One-half gross in a cardboard box
No. 43—One-quarter gross in a cardboard box
No. 44—One-sixth gross in a cardboard box

Butchers' S Hooks

Solid Steel Forged Points Tinned Finish



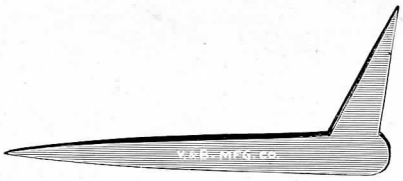
Number	4	6	8	10
Length over all, inches	4	6	8	10
Hooks project, inches	$1\frac{1}{4}$	$2\frac{1}{4}$	$2\frac{3}{4}$	$2\frac{3}{4}$
Diameter of steel, inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{3}{8}$
Weight per dozen about, lbs	$1\frac{1}{8}$	$2\frac{1}{2}$	$4\frac{1}{2}$	$5\frac{1}{2}$
Per dozen	$0.50	$0.75	$1.20	$1.60

Nos. 4 and 6—Three dozen in a cardboard box
Nos. 8 and 10—One dozen in a cardboard box

Tongue and Ham Hooks

Solid Steel Forged Points

Natural Finish or Tinned Finish



Number	5 Tongue	1 Ham	2 Ham
Thickness of steel	14 Gauge	$\frac{1}{8}$-inch	$\frac{1}{8}$-inch
Length over all, inches	$1\frac{5}{8}$	$2\frac{1}{2}$	3
Length of hook, inches	$\frac{3}{4}$	1	$1\frac{1}{8}$
Weight per 100 about, lbs	1	$2\frac{1}{2}$	$3\frac{1}{4}$
Per 100, Natural Finish	$1.60	$2.50	$2.75
Per 100, Tinned Finish	1.75	2.75	3.00

Five hundred in a cardboard box

Selecting Hooks

Solid Forged Steel Tinned Finish

Varnished Hardwood Handles

Hook driven through handle and riveted

Number	10	13
Length over all, inches	10	13
Length of handle, inches	$5\frac{5}{8}$	$5\frac{5}{8}$
Diameter of steel, inches	$\frac{5}{16}$	$\frac{5}{16}$
Weight per dozen about, lbs	$4\frac{1}{2}$	5
Per dozen	$3.00	$3.25

No. 10—One dozen in a cardboard box
No. 13—One-half dozen in a cardboard box

Loop Handles; outside dimensions $1\frac{1}{2}$x$3\frac{1}{4}$ inches

Number	14	16	18
Length under handle, inches	14	16	18
Diameter of steel, inches	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$
Weight per dozen about, lbs	9	$10\frac{1}{2}$	12
Per dozen	$3.50	$3.60	$3.75

Packed loose

Hog Hooks

Solid Forged Steel Natural Finish

Varnished Hardwood Handles

No. 2.

No. 3.

Number	2	3
Diameter of steel, inches	$\frac{1}{2}$	$\frac{7}{16}$
Length under handle, inches	9	7
Length of handle, inches	14	9
Weight per dozen about, lbs	17	10
Per dozen	$12.00	$4.00

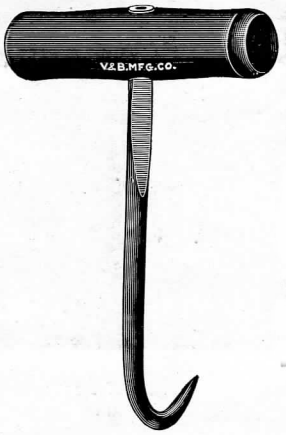
Packed loose

Cotton Hooks

Solid Forged Steel Tinned Finish

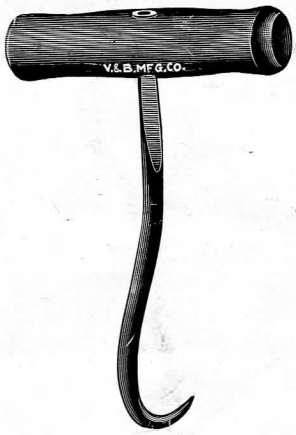
Black Finish Hardwood Handles

Straight or
Red River Pattern



No. 7

Curved or
New Orleans Pattern



No. 8

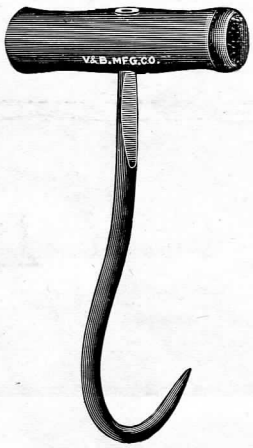
Number	7	8
Diameter of steel, inches	$\frac{3}{8}$	$\frac{3}{8}$
Length under handle, inches	$6\frac{1}{2}$	$6\frac{1}{2}$
Length of handle, inches	$5\frac{3}{4}$	$5\frac{3}{4}$
Weight per dozen about, lbs	$5\frac{1}{2}$	$5\frac{1}{2}$
Per dozen	$2.40	$2.40

Packed loose

Hay Hooks

Solid Forged Steel
Natural Finish

Black Finish Hardwood Handle

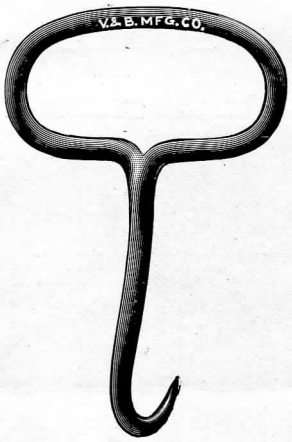


No. 1—Hay

Box Hooks

Wrought Steel
Natural Finish

Loop Handle 7x3¼ inches, outside



No. 10—Box

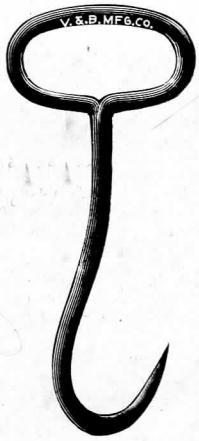
THESE GOODS DISCONTINUED SEE INSERT

Number	1—Hay	10—Box
Diameter of steel, inches	$\frac{7}{16}$	$\frac{1}{2}$
Length under handle, inches	$7\frac{3}{4}$	$5\frac{1}{2}$
Length of handle, inches	$5\frac{3}{4}$	7
Weight per dozen about, lbs	$8\frac{1}{2}$	15
Per dozen	$3.25	$3.00

Packed loose

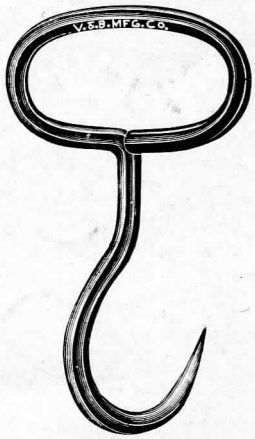
Alfalfa Hook

Wrought Steel
Natural Finish



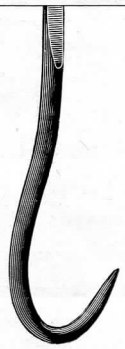
Box Hook

Hexagon Steel
Natural Finish

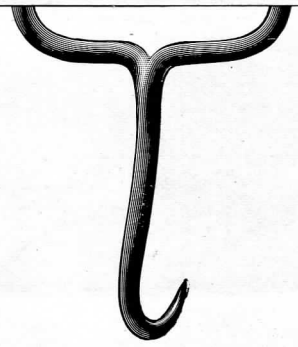


Number	Pattern of Hook	Steel	Length under Handle	Handle	Weight	Per Doz.	Packed
20	Alfalfa	7/16-in. Rd.	8-in.	4¾x2⅝-in.	12 lbs.	$6.00	Loose
30	Box	½-in. Hex.	6½-in.	6x3¼-in.	16½ lbs.	$6.00	Loose

THESE GOODS DISCONTINUED SEE INSERT



No. 1—Hay



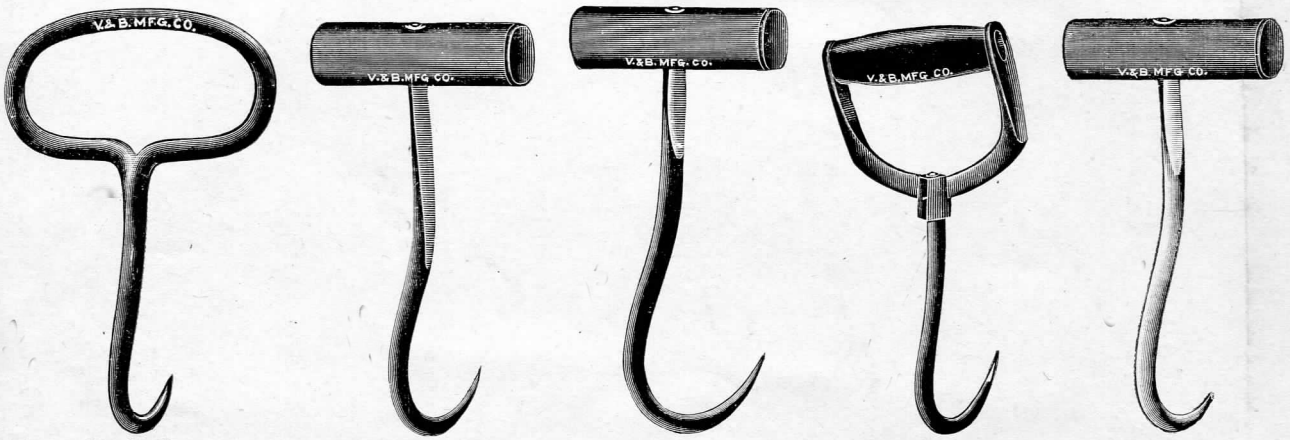
No. 10—Box

Number	1—Hay	10—Box
Diameter of steel, inches	7/16	½
Length under handle, inches	7¾	5½
Length of handle, inches	5¾	7
Weight per dozen about, lbs	8½	15
Per dozen	$3.25	$3.00

Packed loose

VAUGHAN & BUSHNELL MFG. CO.

BOX, HAY AND COTTON HOOKS



No. 10—Box
Loop Handle 7x3¾ in. outside

Nos. 6 to 15—Box

No. 1—Hay

No. 0—Hay

No. 8—Cotton
New Orleans Pattern--Tinned

NO.	PATTERN OF HOOK	STEEL	LENGTH OVER ALL	HANDLE	PER DOZEN	PACKED
10	Box	½ in. RD.	9 in.	Wrought Steel	~~$3.00~~ 2.00 doz net	Loose
6	Box	5/16 in. "	6 in.	Oval Hardwood	2.50	"
9	Box	3/8 in. "	9 in.	" "	2.75	"
12	Box	7/16 in. "	12 in.	" "	3.00	"
15	Box	½ in. "	15 in.	" "	3 50	"
1	Hay	7/16 in. "	9 in.	" "	~~3.25~~ 1.30	"
0	Hay	3/8 in. "	9 in.	Malleable Loop	~~3.75~~ 1.50	½ Dozen in a Box
8	Cotton	3/8 in. "	9 in.	Oval Hardwood	2.40 — 60 %	Loose

40-10 % 40 net

Nos. 6 to 15 Box Hooks are designed for Merchants' and Storekeepers' use.
Malleable Iron Handle Hooks are adapted when mittens are worn.

Nos. 4 and 6

Nos. 9, 12 and 14

Nos. 4 and 6 forged from round steel

Nos. 9, 12 and 14 forged from octagon steel

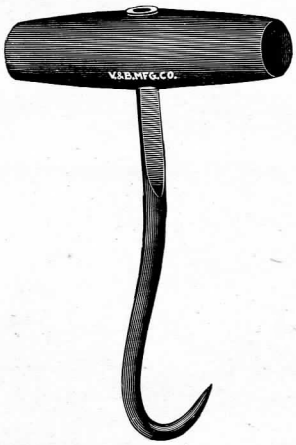
Number	4	6	9	12	15
Diameter of steel, inches	5/16	5/16	3/8	3/8	7/16
Length under handles, inches	3½	5	7	9	12
Length of handle, inches	5	5	5¾	5¾	5¾
Weight per dozen about, lbs	3¾	4	6	7¼	9¾
Per dozen	$2.25	$2.50	$2.75	$3.00	$3.50

Packed loose

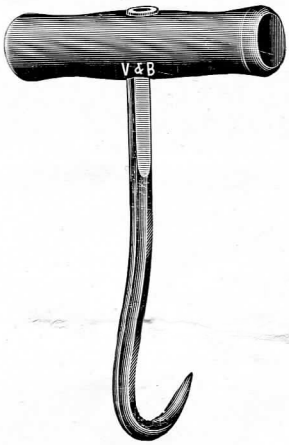
Box Hooks

Solid Forged Steel Natural Finish

Black Finish Hardwood Handles



Nos. 4 and 6



Nos. 9, 12 and 14

Nos. 4 and 6 forged from round steel

Nos. 9, 12 and 14 forged from octagon steel

Number	4	6	9	12	15
Diameter of steel, inches	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{7}{16}$
Length under handles, inches	$3\frac{1}{2}$	5	7	9	12
Length of handle, inches	5	5	$5\frac{3}{4}$	$5\frac{3}{4}$	$5\frac{3}{4}$
Weight per dozen about, lbs	$3\frac{3}{4}$	4	6	$7\frac{1}{4}$	$9\frac{3}{4}$
Per dozen	$2.25	$2.50	$2.75	$3.00	$3.50

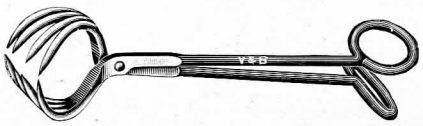
Packed loose

DISCONTINUED

Nail Grips

Wrought Steel Painted Black

Four fingers on each jaw



Number	1
Diameter of handles, inches	$\frac{7}{16}$
Width of jaws, inches	4
Length over all, inches	$17\frac{1}{2}$
Weight per dozen about, lbs	$33\frac{1}{2}$
Per dozen	$24.00

Packed loose

Nail Claws

Wrought Steel Painted Black

Five-fingered Claw

Number	2
Diameter of handle, inches	$\frac{1}{2}$
Width of claw, inches	$3\frac{1}{2}$
Length over all, inches	12
Weight per dozen about, lbs	15
Per dozen	$9.00

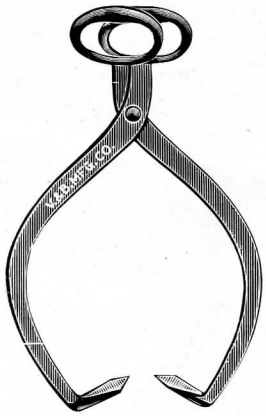
One-half dozen in a cardboard box

Ice Tongs

Solid Steel Drop Forged No Weld

Swell Handle Hardened Points

Painted Red



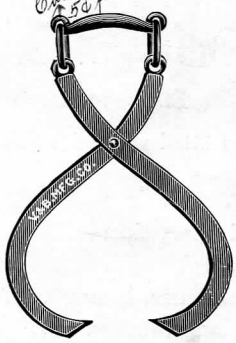
Number	1	2	3
Size	Family	Retailers	Loading
Span, inches	15	17	24
Weight per dozen about, lbs	45	51	70
Per dozen	$16.00	$18.00	$21.60

Family Ice Tongs

Wrought Steel Malleable Iron Handles

Hardened Points Painted Black

Costing 5¢ piece



Number	6
Span, inches	15
Weight per dozen about, lbs	28½
Per dozen	$10.80

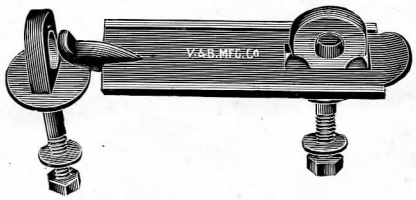
Packed loose

Store Door Hasps and Staples

Wrought Steel Painted Black

Designed for store and warehouse doors

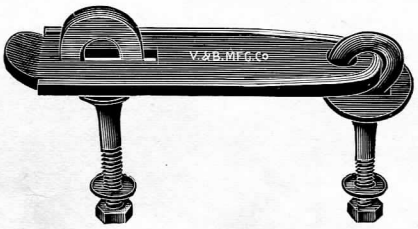
The staples go through the door and frame with the flange on the outside and the nut on the inside



Removable Hasp

Staples fitted with nuts and washers

Number	1
Hasp made from steel, inches	$1\frac{3}{4} \times \frac{5}{16}$
Length of hasp over all, inches	7
Distance between staple centers, inches	$4\frac{1}{2}$
Length of staple under flange, inches	$3\frac{1}{2}$
Diameter of shank on staple, inches	$\frac{3}{8}$
Weight per dozen complete, about, lbs	20
Per dozen	$12.00



Stationary Hasp

Staples fitted with nuts and washers

Number	2
Hasp made from steel, inches	$1\frac{3}{4} \times \frac{5}{16}$
Length of hasp over all, inches	$6\frac{5}{8}$
Distance between staple centers, inches	$4\frac{1}{2}$
Length of staple under flange, inches	$3\frac{1}{2}$
Diameter of shank on staple, inches	$\frac{3}{8}$
Weight per dozen complete about, lbs	$18\frac{1}{2}$
Per dozen	$12.00

One-half dozen in a cardboard box

Bar Staples

Wrought Steel Natural Finish

Designed to hold 2x4-inch bars

OPEN PATTERN

CLOSED PATTERN

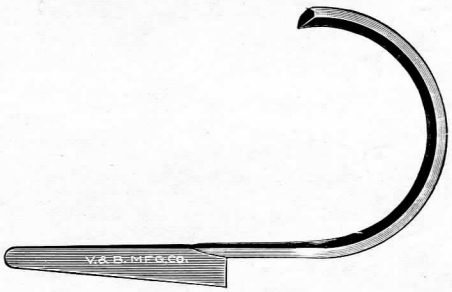
	Open		Closed	
Number	1	2	1	2
Size of steel, inches	$1\frac{1}{4}$x$\frac{1}{4}$	$1\frac{1}{2}$x$\frac{3}{8}$	$1\frac{1}{4}$x$\frac{1}{4}$	$1\frac{1}{2}$x$\frac{3}{8}$
Length over all, inches	$8\frac{1}{2}$	9	$9\frac{3}{4}$	10
Diameter of screw holes, inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{1}{4}$	$\frac{5}{16}$
Weight per dozen about, lbs	10	18	$13\frac{1}{2}$	24
Per dozen	$4.80	$6.00	$4.80	$6.00

Conductor Pipe Hooks

Solid Steel Drop Forged

Tinned Finish Extra Strong

Drop forged in one piece, without weld



Number	2	3	4	5	6
For conductor pipe, inches	2	3	4	5	6
Length of tang, inches	$2\frac{1}{2}$	3	4	4	4
Length over all, inches	$4\frac{1}{4}$	6	8	9	10
Weight per 100 about, lbs	$11\frac{1}{2}$	22	$42\frac{1}{2}$	45	46
Per 100	$6.00	$7.50	$11.00	$12.00	$13.00

Packed loose

Post Hole Augers

Steel Pipe Handles — Forged Steel Blades
Malleable Iron Tops and Points — Painted Black
The Original Vaughan's Auger

Length of handles 44 inches, diameter $\frac{7}{8}$-inch
Length of point underneath blades, $3\frac{3}{4}$ inches
Diameter of hole in top for crossbar, $1\frac{1}{2}$ inches
Crossbars not furnished with augers
Length of augers over all, all sizes, 49 inches

Sizes, inches	4	5	6	7	8	9	10
Weight per dozen about, lbs	52	55	58	59	62	64	65
Per dozen, all sizes	$18.00						

One-half dozen handles in a bundle
One-half dozen bottoms in a bundle

Telegraph Augers

Heavy Steel Pipe Handles — Hand-made Steel Blades
Malleable Iron Tops and Points — Painted Black
Designed for extra heavy work

Length of handles 5 feet or 8 feet, diameter 1-inch
Length of point underneath blades, 4 inches
Diameter of hole in top for crossbar, $1\frac{7}{8}$ inches
Crossbars not furnished with augers
Length of augers over all, with 5-foot handle, all sizes, $5\frac{1}{2}$ feet

Sizes, inches	10	12	14
Weight, each with 5-foot handle about, lbs.	$12\frac{1}{2}$	$13\frac{1}{2}$	15
Weight, each with 8-foot handle about, lbs.	$16\frac{1}{2}$	$17\frac{1}{2}$	19
Each, with 5-foot handle	$7.00	$8.00	$9.00
Each, with 8-foot handle	8.00	9.00	10.00

Packed loose

Wood handles 50d Dz net on Posthole

Extra Parts for Post Hole Augers and Telegraph Augers

Part No. 1

AUGER HANDLE

	Weight	Each
Post	41 lbs. doz.	$0.50
Telegraph, 5-ft.	8 lbs. each	4.00
Telegraph, 8-ft.	12 lbs. each	5.00

75%

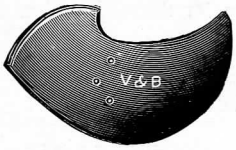
Part No. 2

AUGER POINT

	Weight	Each
Post	$8\frac{1}{4}$ lbs. doz.	$0.28
Telegraph	2 lbs. each	1.00

75%

Part No. 3



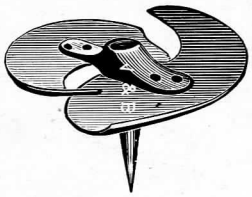
AUGER BLADE

POST AUGER—Sizes, inches	4	5	6	7	8	9	10
Weight per dozen about, lbs	2	$2\frac{5}{8}$	$4\frac{1}{8}$	$4\frac{1}{2}$	$6\frac{1}{4}$	$8\frac{1}{4}$	$9\frac{1}{4}$
Each, all sizes				$0.36			
TELEGRAPH AUGER—Sizes, inches				10	12	14	
Weight each about, lbs				$1\frac{1}{4}$	$1\frac{3}{4}$	$2\frac{1}{2}$	
Each				$1.00	$1.50	$2.00	

75%

Part No. 4

Point and Blades riveted together



AUGER BOTTOM

POST AUGER—Sizes, inches	4	5	6	7	8	9	10
Weight per dozen about, lbs	11	14	17	18	21	23	24
Each, all sizes				$1.00			
TELEGRAPH AUGER—Sizes, inches				10	12	14	
Weight, each about, lbs				$4\frac{1}{2}$	$5\frac{1}{2}$	7	
Each				$3.00	$4.00	$5.00	

75%

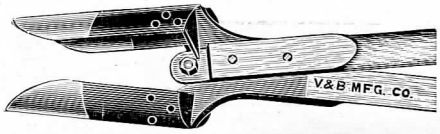
Packed loose

Post Hole Diggers

Blades No. 14 Gauge Steel Malleable Iron Frames

Half-round Hardwood Handles

Eureka Pattern



DISCONTINUED

Full length of digger over all, 5 feet

Length of blades, 9 inches, diameter 6 inches

Weight per dozen about 105 pounds

Per dozen. $15.00

One-quarter dozen in a bundle

EXTRA HANDLES FOR POST HOLE DIGGERS

Weight per dozen pair about 40 pounds

Per dozen pair $3.00

Swing Bolts and Rings

Solid Steel Natural Finish

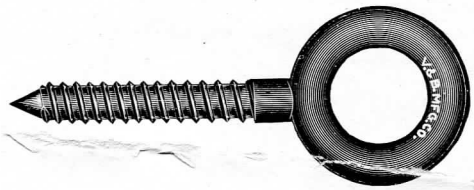
Fitted with nut and washer

Number	1
Diameter of steel, inches ..... bolt $\frac{1}{2}$ ..... ring	$\frac{3}{8}$
Inside diameter of ring, inches	$1\frac{3}{4}$
Length over all, inches	$9\frac{1}{2}$
Weight per dozen about, lbs	10
Per dozen	$1.50

One dozen in a cardboard box

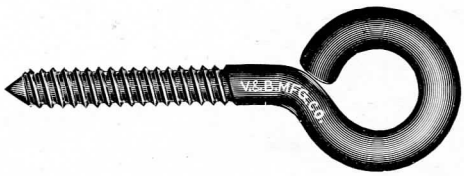
Eye Bolts

Solid Steel Natural Finish



Drop Forged

Number	3	4	5
Diameter of steel, inches	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
Length under eye, inches	$2\frac{3}{4}$	$3\frac{1}{2}$	$3\frac{1}{2}$
Diameter of eye, inches	$\frac{3}{4}$	$\frac{7}{8}$	1
Weight per dozen about, lbs	$2\frac{1}{2}$	$3\frac{3}{4}$	$6\frac{1}{4}$
Per dozen	\$0.75	\$1.00	\$1.25



Not Welded

Number	8	9	10
Diameter of steel, inches	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
Length under eye, inches	$2\frac{3}{4}$	$2\frac{3}{4}$	$3\frac{1}{2}$
Diameter of eye, inches	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$
Weight per dozen about, lbs	2	3	$4\frac{1}{2}$
Per dozen	\$0.65	\$0.85	\$1.00

Nos. 3 and 8—Three dozen in a cardboard box

Nos. 4 and 9—Two dozen in a cardboard box

Nos. 5 and 10—One dozen in a cardboard box

5/1/16 P.S.V.
Eye Bolts
less 40-10-1/3 off
+ 25% dis